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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s octoxyglycerin and quarternary amonium
27 OCTOXYGLYCERIN
4869 QUARTERNARY
738 AMONIUM
10 QUARTERNARY AMONIUM
(QUARTERNARY(W)AMONIUM)

L4 0 OCTOXYGLYCERIN AND QUARTERNARY AMONIUM

=> s octoxyglycerin and quarternay ammonium

27 OCTOXYGLYCERIN
12 QUARTERNAY
260196 AMMONIUM
8 QUARTERNAY AMMONIUM
(QUARTERNAY(W)AMMONIUM)

L5 0 OCTOXYGLYCERIN AND QUARTERNAY AMMONIUM

=> s octoxyglycerin and quarternary ammonium

27 OCTOXYGLYCERIN
4869 QUARTERNARY
260196 AMMONIUM
2976 QUARTERNARY AMMONIUM
(QUARTERNARY(W)AMMONIUM)

L6 0 OCTOXYGLYCERIN AND QUARTERNARY AMMONIUM

=> s chlorhexidine and quarternary ammonium

4005 CHLORHEXIDINE
4869 QUARTERNARY
260196 AMMONIUM
2976 QUARTERNARY AMMONIUM
(QUARTERNARY(W)AMMONIUM)

L7 87 CHLORHEXIDINE AND QUARTERNARY AMMONIUM

=> s 17 and quarternary ammounium

4869 QUARTERNARY
85 AMMOUNIUM
0 QUARTERNARY AMMOUNIUM
(QUARTERNARY(W)AMMOUNIUM)

L8 0 L7 AND QUARTERNARY AMMOUNIUM

=> s 17 and quarternary ammonium

4869 QUARTERNARY
260196 AMMONIUM
2976 QUARTERNARY AMMONIUM
(QUARTERNARY(W)AMMONIUM)

L9 87 L7 AND QUARTERNARY AMMONIUM

=> s 19 and octoxyglycerin

27 OCTOXYGLYCERIN

L10 0 L9 AND OCTOXYGLYCERIN

=> s 19 and antimicrob?

30490 ANTIMICROB?

L11 54 L9 AND ANTIMICROB?

=> d 111 1-54 bib, ab

L11 ANSWER 1 OF 54 USPATFULL on STN

AN 2003:291020 USPATFULL

TI Medical products with sustained pharmacological activity and process for producing them

IN Schierholz, Jorg, Neuer Trassweg 11, Bergisch Gladbach, GERMANY, FEDERAL REPUBLIC OF 51427

PI US 6641831 B1 20031104

WO 2000007574 20000217

AI US 2001-762318 20010406 (9)

WO 1999-EP5685 19990805

PRAI DE 1998-19835546 19980806

EP 1998-1147812 19980806

US 1998-95562P 19980806 (60)

DT Utility
FS GRANTED
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Di Nola-Baron, Lilliana
LREP Jacobson Holman PLC
CLMN Number of Claims: 19
ECL Exemplary Claim: 1
DRWN 5 Drawing Figure(s); 5 Drawing Page(s)
LN.CNT 899
AB A non-degradable medical product comprising at least two substances or groups of substances, of which a first substance is referred to as substance A and a second is referred to as substance B, substance A being more lipophilic than substance B, wherein substance A has a solubility (w/w) in water of from 300 .mu.g/ml to 1 .mu.g/ml, substance B has a higher solubility than that of substance A, at least one of substance A and B is a pharmaceutically active substance, and wherein the amount of substance A or B is respectively from at least an effective amount to 10% by weight, based on the weight of the support material;

with the exception of the combinations chlorohexidine/silver sulfadiazine, tri-closane/chlorohexidine, polyethylene glycol/polyurethane, porous polyethylene with combinations of clotrimazole and triclosane.

L11 ANSWER 2 OF 54 USPATFULL on STN
AN 2003:250717 USPATFULL
TI Pressure sensitive adhesives having quaternary ammonium functionality, articles, and methods
IN Lucast, Donald H., North St. Paul, MN, UNITED STATES
Zhu, Dong-Wei, Woodbury, MN, UNITED STATES
PA 3M Innovative Properties Company, St. Paul, MN (U.S. corporation)
PI US 2003175503 A1 20030918
AI US 2002-52032 A1 20020116 (10)
DT Utility
FS APPLICATION
LREP 3M INNOVATIVE PROPERTIES COMPANY, PO BOX 33427, ST. PAUL, MN, 55133-3427
CLMN Number of Claims: 51
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1477
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A pressure sensitive adhesive composition is provided that includes a pressure sensitive adhesive polymer. The polymer includes: at least one copolymerized monoethylenically unsaturated (meth)acrylic acid ester monomer, wherein the (meth)acrylic acid ester monomer, when homopolymerized, has a Tg of less than about 25.degree. C.; at least one copolymerized monoethylenically unsaturated reinforcing monomer, wherein the reinforcing monomer, when homopolymerized, has a Tg of at least about 25.degree. C.; covalently bonded **quaternary ammonium** functionality; and, optionally, at least one copolymerized monoethylenically unsaturated poly(alkylene oxide) monomer. The composition optionally further includes at least one nonreactive poly(alkylene oxide) polymer and/or at least one **antimicrobial** agent.

L11 ANSWER 3 OF 54 USPATFULL on STN
AN 2003:3038 USPATFULL
TI Additive for hair growing agent and hair growing agent composition
IN Hino, Takakazu, Yokohama-shi, JAPAN
Noda, Isao, Yokosuka-shi, JAPAN

PI US 2003003072 A1 20030102
AI US 2001-877257 A1 20010611 (9)
DT Utility
FS APPLICATION
LREP ARMSTRONG, WESTERMAN & HATTORI, LLP, 1725 K STREET, NW., SUITE 1000,
WASHINGTON, DC, 20006
CLMN Number of Claims: 3
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 310

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention offers an additive for hair growing agent and a hair growing agent composition containing a pharmaceutically active component, solvent and the additive for hair growing agent shown by the following general formula (I) or (II). This additive for hair growing agent and the hair growing agent composition has a low potential of the side-effect by decreasing the content of the pharmaceutically active components, while keeping the sufficient hair growing effect, an additive for hair growing agent and a hair growing agent composition.
##STR1##

wherein, R.sup.1 is an alkyl group having a carbon number of 1 to 30, an aryl group or a group shown by the formula (R.sup.2).sub.3SiO-- or --YO(C.sub.2H.sub.4O).sub.a(C.sub.3H.sub.6O).sub.bR.sup.3; at least one of R.sup.1s is an alkyl group having a carbon number of 6 to 30 or a group shown by the formula --YO(C.sub.2H.sub.4O).sub.a(C.sub.3H.sub.6O).sub.b.sup.3; R.sup.2 is an alkyl group having a carbon number of 1 to 5 or an aryl group; R.sup.3 is a hydrogen atom, an alkyl group having a carbon number of 1 to 6 or an acetoxy group; Y is a divalent organic group bound to an adjacent silicon atom through a carbon-silicon bond and to a polyoxyalkylene block through an oxygen atom; R.sup.4 is an alkyl group having a carbon number of 6 to 30 or a group shown by the formula --YO(C.sub.2H.sub.4O).sub.a(C.sub.3H.sub.6O).sub.b.sup.3; m is a number of 1 to 50 on the average; and a and b are numbers of 0 to 50 on the average respectively, but they satisfy the relationship $a+b \geq 2$.

L11 ANSWER 4 OF 54 USPATFULL on STN

AN 2002:88448 USPATFULL
TI Quaternary ammonium compounds, compositions containing them, and uses thereof
IN Friedli, Floyd E., Dublin, OH, United States
PA Kohle, Hans-Jurgen, Schluchtern, GERMANY, FEDERAL REPUBLIC OF
Goldschmidt Rewo GmbH & Co. KG, Steinau a.d. Strasse', GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)
PI US 6376455 B1 20020423
WO 9935223 19990715
AI US 2000-600007 20001122 (9)
WO 1999-US295 19990107
20001122 PCT 371 date
PRAI US 1998-71054P 19980119 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Delcotto, Gregory
LREP Scully, Scott, Murphy & Presser
CLMN Number of Claims: 27
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 2317

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to quaternary ammonium compounds and formulations thereof useful as cleaning compositions, antistatic

compounds, fabric softeners, hair conditioners, skin conditioners, paper deinking and ink floatation, agents, and the like.

L11 ANSWER 5 OF 54 USPATFULL on STN

AN 2002:21799 USPATFULL

TI **Antimicrobial** dental materials contraining 2,4,4' -trichloro2' -hydroxydiphenyl ether

IN Pflug, Kai, Konstanz, GERMANY, FEDERAL REPUBLIC OF

Noack, Michael J., Koeln, GERMANY, FEDERAL REPUBLIC OF

PA DENTSPLY DeTrey GmbH (non-U.S. corporation)

PI US 2002012634 A1 20020131

AI US 2001-770005 A1 20010125 (9)

RLI Continuation of Ser. No. US 2000-543266, filed on 5 Apr 2000, ABANDONED

PRAI US 1997-44995P 19970428 (60)

DT Utility

FS APPLICATION

LREP Douglas J. Hura, Esquire, DENTSPLY INTERNATIONAL INC., 570 West College Avenue, York, PA, 17405

CLMN Number of Claims: 11

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 530

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Polymerizable denial materials having an **antimicrobial** effect are provided. These include dental materials such as protective dental varnishes, composites, compomers, fissure sealants, dental cements, dental bonding agents and similar materials, and containing 2,4,4'-trichloro-2'-hydroxydiphenyl ether.

L11 ANSWER 6 OF 54 USPATFULL on STN

AN 2001:128521 USPATFULL

TI OPTIONALLY CROSSLINKABLE COATINGS, COMPOSITIONS AND METHODS OF USE

IN MITRA, SUMITA B., WEST ST. PAUL, MN, United States

SHELBURNE, CHARLES E., BROOKLYN PARK, MN, United States

ROZZI, SHARON M., WEST LAKE LAND TOWNSHIP, MN, United States

KEDROWSKI, BRANT L., MINNEAPOLIS, MN, United States

PA 3M INNOVATIVE PROPERTIES COMPANY (U.S. corporation)

PI US 2001012509 A1 20010809

US 6312668 B2 20011106

AI US 1999-237870 A1 19990127 (9)

RLI Division of Ser. No. US 1994-347861, filed on 1 Dec 1994, GRANTED, Pat. No. US 5888491

DT Utility

FS APPLICATION

LREP DALE A BJORKMAN, 3 M OFFICE OF INTELLECTUAL PROPERTY COUN, P O BOX 33427, ST PAUL, MN, 551333427

CLMN Number of Claims: 48

ECL Exemplary Claim: 1

DRWN 3 Drawing Page(s)

LN.CNT 2392

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Coatings for hard tissue and surfaces of the oral environment are provided that reduce adhesion of bacteria and proteinaceous substances to these surfaces. Methods of reducing adhesion of these materials to such surfaces, and polymers for incorporation into such coatings are also provided.

L11 ANSWER 7 OF 54 USPATFULL on STN

AN 2001:119393 USPATFULL

TI Triclosan and silver compound containing medical devices

IN Modak, Shanta, River Edge, NJ, United States

Sampath, Lester, Nyack, NY, United States

PI US 2001010016 A1 20010726
AI US 2001-777121 A1 20010205 (9)
RLI Continuation of Ser. No. US 1999-281872, filed on 31 Mar 1999, GRANTED,
Pat. No. US 6224579
DT Utility
FS APPLICATION
LREP BAKER & BOTTS, 30 ROCKEFELLER PLAZA, NEW YORK, NY, 10112
CLMN Number of Claims: 38
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1571

AB The present invention relates to polymeric medical articles comprising combinations of triclosan and silver-containing compounds. It is based, at least in part, on the discovery that these agents act synergistically, thereby permitting the use of relatively low levels of both agents. While it had been previously found that triclosan can be particularly useful when used in conjunction with **chlorhexidine**, it has been further discovered that medical articles having suitable **antimicrobial** properties may be prepared, according to the present invention, which contain triclosan without **chlorhexidine**. Such medical articles offer the advantage of preventing or inhibiting infection while avoiding undesirable adverse reactions to **chlorhexidine** by individuals that may have sensitivity to **chlorhexidine**.

L11 ANSWER 8 OF 54 USPATFULL on STN
AN 2001:119308 USPATFULL
TI Protective varnish for dentin
IN Pflug, Kai, Konstanz, Germany, Federal Republic of
Lynch, Edward, West Dulwich, Great Britain
PI US 2001009931 A1 20010726
AI US 2000-559215 A1 20000426 (9)
RLI Continuation of Ser. No. US 1997-955902, filed on 22 Oct 1997, ABANDONED
DT Utility
FS APPLICATION
LREP Douglas J Hura Esquire, Dentsply International Incorporated, 570 West
College Avenue, York, PA, 17405
CLMN Number of Claims: 22
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 633

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A protective varnish is provided for prophylactic treatment of exposed dentin. The varnish offers mechanical protection from wear and prevents hypersensitivity by blocking the dentin tubules. The varnish comprises a matrix of curable resins. These resins penetrate the dentin and after curing enforce it, making the dentin more resistant to abrasion. The varnish may also offer an **antimicrobial** effect. This effect can be achieved by the varnish containing a broad spectrum **antimicrobial** agent such as 2,4,4'-trichloro-2'-hydroxydiphenyl ether.

L11 ANSWER 9 OF 54 USPATFULL on STN
AN 2001:111543 USPATFULL
TI Anti-infective and antithrombogenic medical articles and method for their preparation
IN Solomon, Donald D., Spring Valley, OH, United States
Byron, M. Parke, Centerville, OH, United States
PA Becton Dickinson and Company, Franklin Lakes, NJ, United States (U.S. corporation)
PI US 6261271 B1 20010717
AI US 1998-6677 19980113 (9)

RLI Continuation of Ser. No. US 1995-487795, filed on 7 Jun 1995, now patented, Pat. No. US 5707366 Continuation of Ser. No. US 1992-980984, filed on 24 Nov 1992, now patented, Pat. No. US 5451424 Continuation of Ser. No. US 1990-586171, filed on 21 Sep 1990, now patented, Pat. No. US 5165952 Continuation of Ser. No. US 1990-497780, filed on 21 Mar 1990, now patented, Pat. No. US 5013306 Continuation-in-part of Ser. No. US 1989-298392, filed on 18 Jan 1989, now abandoned

DT Utility

FS GRANTED

EXNAM Primary Examiner: Kennedy, Sharon; Assistant Examiner: Serke, Catherine

LREP Hoffmann & Baron, LLP

CLMN Number of Claims: 43

ECL Exemplary Claim: 1

DRWN 9 Drawing Figure(s); 3 Drawing Page(s)

LN.CNT 745

AB An anti-infective medical article has **chlorhexidine** bulk distributed throughout a polyurethane base layer and may have a coating layer on the base layer. The coating layer may be **chlorhexidine** permeated into the surface or it may be an antibiotic, antithrombogenic agent or a polymeric surface layer laminated onto the base layer. The invention includes a method for preparing the article wherein a homogeneous melt of polymer and **chlorhexidine** is prepared by twin screw compounding and the melt is extruded to give a medical article having bulk distributed **chlorhexidine**.

L11 ANSWER 10 OF 54 USPATFULL on STN

AN 2001:62958 USPATFULL

TI Triclosan and silver compound containing medical devices

IN Modak, Shanta, River Edge, NJ, United States

Sampath, Lester, Nyack, NY, United States

PA The Trustees of Columbia University in the City of New York, New York, NY, United States (U.S. corporation)

PI US 6224579 B1 20010501

AI US 1999-281872 19990331 (9)

DT Utility

FS Granted

EXNAM Primary Examiner: Kennedy, Sharon

LREP Baker Botts L.L.P.

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1488

AB The present invention relates to polymeric medical articles comprising combinations of triclosan and silver-containing compounds. It is based, at least in part, on the discovery that these agents act synergistically, thereby permitting the use of relatively low levels of both agents. While it had been previously found that triclosan can be particularly useful when used in conjunction with **chlorhexidine**, it has been further discovered that medical articles having suitable **antimicrobial** properties may be prepared, according to the present invention, which contain triclosan without **chlorhexidine**. Such medical articles offer the advantage of preventing or inhibiting infection while avoiding undesirable adverse reactions to **chlorhexidine** by individuals that may have sensitivity to **chlorhexidine**.

L11 ANSWER 11 OF 54 USPATFULL on STN

AN 2000:70479 USPATFULL

TI Binder treated fibrous webs and products

IN Hansen, Michael R., Seattle, WA, United States

PA Weyerhaeuser Company, Federal Way, WA, United States (U.S. corporation)

PI US 6071549 20000606

AI US 1998-130723 19980806 (9)
RLI Division of Ser. No. US 1995-416375, filed on 4 Apr 1995, now patented, Pat. No. US 5807364 which is a continuation-in-part of Ser. No. US 1992-931059, filed on 17 Aug 1992, now patented, Pat. No. US 5543215 And Ser. No. US 1992-931277, filed on 17 Aug 1992, now patented, Pat. No. US 5538783 And Ser. No. US 1992-931279, filed on 17 Aug 1992, now patented, Pat. No. US 5589256 And Ser. No. US 1993-107469, filed on 17 Aug 1993, now patented, Pat. No. US 5672418 And Ser. No. US 1993-108219, filed on 17 Aug 1993, now patented, Pat. No. US 5607759 And Ser. No. US 1993-107467, filed on 17 Aug 1993, now patented, Pat. No. US 5693411 And Ser. No. US 1993-108217, filed on 17 Aug 1993, now patented, Pat. No. US 5547745 And Ser. No. US 1993-108218, filed on 17 Aug 1993, now patented, Pat. No. US 5641561 And Ser. No. US 1997-197483, filed on 16 Feb 1997, now patented, Pat. No. US 5547541 And Ser. No. US 1994-193301, filed on 7 Feb 1994, now patented, Pat. No. US 5609727 And Ser. No. US 1994-261811, filed on 17 Jul 1994, now patented, Pat. No. US 5571618 And Ser. No. US 1993-153819, filed on 15 Nov 1993, now patented, Pat. No. US 5447977

DT Utility

FS Granted

EXNAM Primary Examiner: Dudash, Diana

LREP Christensen O'Connor Johnson & Kindness PLLC

CLMN Number of Claims: 28

ECL Exemplary Claim: 1

DRWN 4 Drawing Figure(s); 2 Drawing Page(s)

LN.CNT 1435

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Salts of hydroxy acids include functional groups capable of forming "hybrid" ionic bonds with fibers or particles and another functional group capable of forming a hydrogen bond or "hybrid" ionic bond with the fibers when the binder forms a "hybrid" ionic bond with the particles or a hydrogen, coordinate covalent, or "hybrid" ionic bond with the particles when the binder forms a "hybrid" ionic bond with the fibers. Amino acids are also described as binders capable of forming "hybrid" ionic or ionic bonds between fibers and particles. Salts of bases, such as choline chloride are also described as being useful binders for attaching particles to fibers. The salts of bases form ionic bonds with either the particles or the fibers. Such binding systems provide viable alternatives to existing binding systems.

L11 ANSWER 12 OF 54 USPATFULL on STN

AN 1999:39918 USPATFULL

TI Optionally crosslinkable coatings, compositions and methods of use

IN Mitra, Sumita B., West St. Paul, MN, United States

Shelburne, Charles E., Brooklyn Park, MN, United States

Rozzi, Sharon M., West Lakeland Township County of Washington, MN,

United States

Kedrowski, Brant L., Minneapolis, MN, United States

PA Minnesota Mining and Manufacturing Company, St. Paul, MN, United States (U.S. corporation)

PI US 5888491 19990330

AI US 1994-347861 19941201 (8)

RLI Continuation-in-part of Ser. No. US 1993-163028, filed on 6 Dec 1993

DT Utility

FS Granted

EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Faulkner, D.

LREP Bjorkman, Dale A.

CLMN Number of Claims: 40

ECL Exemplary Claim: 1

DRWN 3 Drawing Figure(s); 2 Drawing Page(s)

LN.CNT 2381

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Coatings for hard tissue and surfaces of the oral environment are provided that reduce adhesion of bacteria and proteinaceous substances to these surfaces. Methods of reducing adhesion of these materials to such surfaces, and polymers for incorporation into such coatings are also provided.

L11 ANSWER 13 OF 54 USPATFULL on STN

AN 1999:26680 USPATFULL

TI Optionally crosslinkable coatings for orthodontic devices

IN Mitra, Sumita B., West St. Paul, MN, United States

Rozzi, Sharon M., West Lakeland Township, MN, United States

Kedrowski, Brant L., Minneapolis, MN, United States

PA Minnesota Mining and Manufacturing Company, St. Paul, MN, United States
(U.S. corporation)

PI US 5876208 19990302

AI US 1997-826412 19970327 (8)

RLI Continuation of Ser. No. US 1995-467421, filed on 6 Jun 1995, now abandoned which is a division of Ser. No. US 1994-347861, filed on 1 Dec 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-163028, filed on 6 Dec 1993

DT Utility

FS Granted

EXNAM Primary Examiner: Le, Hoa Van

LREP Bjorkman, Dale A.

CLMN Number of Claims: 21

ECL Exemplary Claim: 1

DRWN 4 Drawing Figure(s); 3 Drawing Page(s)

LN.CNT 2308

AB Coatings for hard tissue and surfaces of the oral environment are provided that reduce adhesion of bacteria and proteinaceous substances to these surfaces. Methods of reducing adhesion of these materials to such surfaces, and polymers for incorporation into such coatings are also provided.

L11 ANSWER 14 OF 54 USPATFULL on STN

AN 1999:15983 USPATFULL

TI Optionally crosslinkable coatings compositions and methods of use

IN Mitra, Sumita B., West St. Paul, MN, United States

Shelburne, Charles E., Brooklyn Park, MN, United States

Rozzi, Sharon M., West Lakeland Township, MN, United States

Kedrowski, Brant L., Minneapolis, MN, United States

PA Minnesota Mining and Manufacturing Company, St. Paul, MN, United States
(U.S. corporation)

PI US 5866630 19990202

AI US 1995-472000 19950606 (8)

RLI Division of Ser. No. US 1994-347861, filed on 1 Dec 1994 which is a continuation-in-part of Ser. No. US 1993-163028, filed on 6 Dec 1993, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Merriam, Andrew E. C.

LREP Bjorkman, Dale A.

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN 4 Drawing Figure(s); 3 Drawing Page(s)

LN.CNT 2261

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Coatings for hard tissue and surfaces of the oral environment are provided that reduce adhesion of bacteria and proteinaceous substances to these surfaces. Methods of reducing adhesion of these materials to such surfaces, and polymers for incorporation into such coatings are also provided.

L11 ANSWER 15 OF 54 USPATFULL on STN
AN 1998:111460 USPATFULL
TI Binder treated fibrous webs and products
IN Hansen, Michael R., Seattle, WA, United States
PA Weyerhaeuser Company, Federal Way, WA, United States (U.S. corporation)
PI US 5807364 19980915
AI US 1995-416375 19950404 (8)
RLI Continuation-in-part of Ser. No. US 1992-931059, filed on 17 Aug 1992, now patented, Pat. No. US 5543215 And Ser. No. US 1992-791277, filed on 17 Aug 1992, now patented, Pat. No. US 5538783 And Ser. No. US 1992-931279, filed on 17 Aug 1992, now patented, Pat. No. US 5589256 And Ser. No. US 1993-107469, filed on 17 Aug 1993, now patented, Pat. No. US 5672418 And Ser. No. US 1993-108219, filed on 17 Aug 1993, now patented, Pat. No. US 5607759 And Ser. No. US 1993-107467, filed on 17 Aug 1993, now patented, Pat. No. US 5693411 And Ser. No. US 1993-108217, filed on 17 Aug 1993, now patented, Pat. No. US 5547745 And Ser. No. US 1993-108218, filed on 17 Aug 1993, now patented, Pat. No. US 5641561 And Ser. No. US 1994-197483, filed on 16 Feb 1994, now patented, Pat. No. US 5547541 And Ser. No. US 1994-193301, filed on 7 Feb 1994, now patented, Pat. No. US 5609727 And Ser. No. US 1994-261811, filed on 17 Jun 1994, now patented, Pat. No. US 5571618 And Ser. No. US 1993-153819, filed on 15 Nov 1993, now patented, Pat. No. US 5447977
DT Utility
FS Granted
EXNAM Primary Examiner: Clarke, Robert A.
LREP Christensen O'Connor Johnson & Kindness PLLC
CLMN Number of Claims: 38
ECL Exemplary Claim: 1
DRWN 4 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1466
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Salts of hydroxy acids include functional groups capable of forming "hybrid" ionic bonds with fibers or particles and another functional group capable of forming a hydrogen bond or "hybrid" ionic bond with the fibers when the binder forms a "hybrid" ionic bond with the particles or a hydrogen, coordinate covalent, or "hybrid" ionic bond with the particles when the binder forms a "hybrid" ionic bond with the fibers. Amino acids are also described as binders capable of forming "hybrid" ionic or ionic bonds between fibers and particles. Salts of bases, such as choline chloride are also described as being useful binders for attaching particles to fibers. The salts of bases form ionic bonds with either the particles or the fibers. Such binding systems provide viable alternatives to existing binding systems.

L11 ANSWER 16 OF 54 USPATFULL on STN
AN 97:78161 USPATFULL
TI Fluorocarbon containing coatings, compositions and methods of use
IN Rozzi, Sharon M., West Lakeland Township, Washington County, MN, United States
Mitra, Sumita B., West St. Paul, MN, United States
Kedrowski, Brant Lawrence, Minneapolis, MN, United States
Shelburne, Charles E., Brooklyn Park, MN, United States
PA Minnesota Mining and Manufacturing Company, St. Paul, MN, United States (U.S. corporation)
PI US 5662887 19970902
AI US 1994-347717 19941201 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Killos, Paul J.
LREP Griswold, Gary L., Kirn, Walter N., Bjorkman, Dale A.
CLMN Number of Claims: 13

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1052

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Coatings for hard tissue and surfaces of the oral environment are provided that reduce adhesion of bacteria and proteinaceous substances to these surfaces. Methods of reducing adhesion of these materials to such surfaces, and polymers for incorporation into such coatings are also provided.

L11 ANSWER 17 OF 54 USPATFULL on STN

AN 97:42866 USPATFULL

TI Pharmaceutical compositions containing hyaluronic acid fractions

IN della Valle, Francesco, Padova, Italy

Romeo, Aurelio, Rome, Italy

Lorenzi, Silvana, Padova, Italy

PA Fidia S.p.A., Via Ponte della Fabbrica, Italy (non-U.S. corporation)

PI US 5631241 19970520

AI US 1995-426905 19950421 (8)

RLI Continuation of Ser. No. US 1992-931949, filed on 19 Aug 1992, now patented, Pat. No. US 5442053 which is a continuation of Ser. No. US 1989-452681, filed on 19 Dec 1989, now patented, Pat. No. US 5166331 which is a continuation of Ser. No. US 1985-756824, filed on 19 Jul 1985, now abandoned which is a continuation-in-part of Ser. No. US 1985-719113, filed on 2 Apr 1985, now abandoned And a continuation-in-part of Ser. No. US 1984-669431, filed on 8 Nov 1984, now abandoned

PRAI IT 1983-49143 19831010

IT 1984-48979 19841009

IT 1985-47924 19850402

DT Utility

FS Granted

EXNAM Primary Examiner: Kight, John; Assistant Examiner: Fonda, Kathleen
Kahler

LREP Birch, Stewart, Kolasch & Birch, LLP

CLMN Number of Claims: 8

ECL Exemplary Claim: 1

DRWN 1 Drawing Figure(s); 1 Drawing Page(s)

LN.CNT 2673

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Two pharmaceutically useful fractions of hyaluronic acid are obtained comprising a first fraction with a molecular weight between 50,000 and 100,000 which is useful for wound healing, and a second fraction having a molecular weight between 500,000 and 730,000 which is useful for intraocular and intraarticular injections. In addition, pharmaceutical preparations for topical administration are provided containing a pharmacologically active substance together with hyaluronic acid or a molecular weight fraction thereof. The hyaluronic acid may be in the form of the free acid or may be a salt with an alkali or alkaline earth metal, magnesium, aluminum or ammonium, or in the form of a salt with one or more pharmacologically active substances.

L11 ANSWER 18 OF 54 USPATFULL on STN

AN 97:26928 USPATFULL

TI Stable thickened disinfecting aqueous composition containing an organic peroxy acid intended for human or animal use

IN Nicolle, Remy, Meudon, France

Le Rouzic, Daniel, Ermont, France

Crisinel, Pascal, Versailles, France

DeClerck, Gerard, Saint Gratien, France

Ledon, Henry, Versailles, France

PA Chemoxal S.A., Paris Cedex, France (non-U.S. corporation)

PI US 5616335 19970401
WO 9424863 19941110
AI US 1995-351254 19950110 (8)
WO 1994-FR517 19940504
19950110 PCT 371 date
19950110 PCT 102(e) date
PRAI FR 1993-5376 19930505
DT Utility
FS Granted
EXNAM Primary Examiner: Azpuru, Carlos A.
LREP Oliff & Berridge
CLMN Number of Claims: 48
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 747

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to an aqueous composition which is stable with time, containing an organic peroxy acid and at least one thickening agent in a concentration such that the viscosity of the composition is greater than 100 mPa.s, as well as the use of this composition, in particular as a disinfecting and/or cleaning agent.

L11 ANSWER 19 OF 54 USPATFULL on STN

AN 97:17890 USPATFULL
TI Hydrocarbyl containing coatings, compositions and methods of use
IN Rozzi, Sharon M., West Lakeland Township, MN, United States
Mitra, Sumita B., West St. Paul, MN, United States
Kedrowski, Brant L., Minneapolis, MN, United States
Shelburne, Charles E., Brooklyn Park, MN, United States
PA Minnesota Mining and Manufacturing Company, St. Paul, MN, United States
(U.S. corporation)
PI US 5607663 19970304
AI US 1994-348048 19941201 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Killos, Paul J.
LREP Griswold, Gary L., Kirn, Walter N., Bjorkman, Dale A.
CLMN Number of Claims: 33
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1135

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Coatings for hard tissue and surfaces of the oral environment are provided that reduce adhesion of bacteria and proteinaceous substances to these surfaces. Methods of reducing adhesion of these materials to such surfaces, and polymers for incorporation into such coatings are also provided.

L11 ANSWER 20 OF 54 USPATFULL on STN

AN 96:108689 USPATFULL
TI Mucosal adhesive device for long-acting delivery of pharmaceutical combinations in oral cavity
IN Chien, Yie W., North Brunswick, NJ, United States
Nair, Mona, Highland Park, NJ, United States
PA Rutgers, The State University of New Jersey, New Brunswick, NJ, United States (U.S. corporation)
PI US 5578315 19961126
AI US 1993-160474 19931201 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Azpuru, Carlos
LREP Schwegman, Lundberg, Woessner & Kluth, P.A.

CLMN Number of Claims: 8
ECL Exemplary Claim: 1
DRWN 20 Drawing Figure(s); 14 Drawing Page(s)
LN.CNT 592

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Mucosal adhesive devices are provided for use in the oral cavity for therapy against infections. The devices are dosage units which comprise a combination of **antimicrobial** agents such as antifungal agents and anti-inflammatory agents, optionally also a local anesthetic. The dosage units yield a gradual and relatively constant release of the pharmaceuticals over at least a 12-hour period.

L11 ANSWER 21 OF 54 USPATFULL on STN

AN 95:73734 USPATFULL

TI Salts and mixtures of hyaluronic acid with pharmaceutically active substances, pharmaceutical compositions containing the same and methods for administration of such compositions

IN della Valle, Francesco, Padova, Italy

Romeo, Aurelio, Rome, Italy

Lorenzi, Silvana, Padova, Italy

PA Fidia, S.p.A., Abano Terme, Italy (non-U.S. corporation)

PI US 5442053 19950815

AI US 1992-931949 19920819 (7)

DCD 20060725

RLI Continuation of Ser. No. US 1989-452681, filed on 19 Dec 1989, now patented, Pat. No. US 5166331 which is a continuation of Ser. No. US 1985-756824, filed on 19 Jul 1985, now abandoned which is a continuation-in-part of Ser. No. US 1985-719113, filed on 2 Apr 1985, now abandoned And Ser. No. US 1984-669431, filed on 8 Nov 1984, now abandoned And a continuation-in-part of Ser. No. US 1982-425462, filed on 28 Sep 1982, now patented, Pat. No. US 4593091

PRAI IT 1983-4914383 19831010

IT 1984-4897984 19841009

IT 1985-4792485 19850402

DT Utility

FS Granted

EXNAM Primary Examiner: Nutter, Nathan M.

LREP Birch, Stewart, Kolasch & Birch

CLMN Number of Claims: 60

ECL Exemplary Claim: 1

DRWN 1 Drawing Figure(s); 1 Drawing Page(s)

LN.CNT 2873

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Two pharmaceutically useful fractions of hyaluronic acid are obtained comprising a first fraction with a molecular weight between 50,000 and 100,000 which is useful for wound healing, and a second fraction having a molecular weight between 500,000 and 730,000 which is useful for intraocular and intraarticular injections.

In addition, pharmaceutical preparations for topical administration are provided containing a pharmacologically active substance together with hyaluronic acid or a molecular weight fraction thereof. The hyaluronic acid may be in the form of the free acid or may be a salt with an alkali or alkaline earth metal, magnesium, aluminum or ammonium, or in the form of a salt with one or more pharmacologically active substances.

L11 ANSWER 22 OF 54 USPATFULL on STN

AN 95:71137 USPATFULL

TI Parachlorometaxylenol **antimicrobial** formulation

IN Khan, Mohammad A., Sandy, UT, United States

Hoang, Minh Q., Taylorsville, UT, United States

PA Becton Dickinson and Company, Franklin Lakes, NJ, United States (U.S.)

corporation)
PI US 5439681 19950808
AI US 1993-72658 19930607 (8)
RLI Continuation of Ser. No. US 1991-675362, filed on 25 Mar 1991
DT Utility
FS Granted
EXNAM Primary Examiner: Webman, Edward J.
LREP Thomas, Nanette S., Weintraub, Bruce S.
CLMN Number of Claims: 1
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 590

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A unique **antimicrobial** composition comprising
parachlorometaxyleneol, nonionic surfactant, anionic surfactant, foam
builder, moisturizer and/or emollient thickener and an acid to adjust to
pH. The composition is useful in providing **antimicrobial**
effectiveness in surgical scrub applications with mildness
characteristics.

L11 ANSWER 23 OF 54 USPATFULL on STN

AN 94:68855 USPATFULL

TI Total or partial esters of hyaluronic acid

IN della Valle, Francesco, Padova, Italy

Romeo, Aurelio, Rome, Italy

PA Fidia, S.p.A., Abano Terme, Italy (non-U.S. corporation)

PI US 5336767 19940809

AI US 1992-998749 19921230 (7)

RLI Division of Ser. No. US 1991-794703, filed on 20 Nov 1991, now patented,
Pat. No. US 5202431 which is a division of Ser. No. US 1991-663324,
filed on 1 Mar 1991, now abandoned which is a division of Ser. No. US
1990-562267, filed on 3 Aug 1990, now abandoned which is a division of
Ser. No. US 1989-339919, filed on 19 Apr 1989, now patented, Pat. No. US
4965353 which is a division of Ser. No. US 1986-881454, filed on 2 Jul
1986, now patented, Pat. No. US 4851521

PRAI IT 1985-48322 19850708

IT 1986-48202 19860630

DT Utility

FS Granted

EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Harrison, R.

LREP Birch, Stewart, Kolasch & Birch

CLMN Number of Claims: 10

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 2883

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention concerns the esters of hyaluronic acid in which all or
only a portion of the carboxylic groups of the acid are esterified, and
the salts of the partial esters with metals or with pharmacologically
acceptable organic bases. The compounds possess interesting and precious
bioplastic and pharmaceutical properties and may be used in innumerable
fields, including cosmetics, surgery and medicine. The invention also
includes pharmaceutical preparations containing, as an active
ingredient, one or more hyaluronic acid esters, or a salt thereof as
described above, as well as medicaments containing:

1) a pharmacologically active substance or an association of
pharmacologically active substances and

2) a carrying vehicle containing a total or partial ester of hyaluronic
acid. The invention includes also various uses of the hyaluronic esters
or of the above mentioned medicaments, such as in medicine, surgery or

cosmetics. The invention relates to a new procedure for the preparation of polysaccharide esters containing carboxylic groups, such as in particular the above mentioned hyaluronic acid esters

L11 ANSWER 24 OF 54 USPATFULL on STN

AN 94:59952 USPATFULL

TI Method for rendering a substrate surface antithrombogenic and/or anti-infective

IN Onwumere, Fidelis C., Miamisburg, OH, United States
Solomon, Donald D., Spring Valley, OH, United States
Wells, Stanley C., Dayton, OH, United States

PA Becton, Dickinson and Company, Franklin Lakes, NJ, United States (U.S. corporation)

PI US 5328698 19940712

AI US 1990-563653 19900806 (7)

DT Utility

FS Granted

EXNAM Primary Examiner: Page, Thurman K.

LREP Brown, Richard E.

CLMN Number of Claims: 12

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 386

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A shaped medical article of a polymeric substrate is extrusion coated with a composition which includes a bioactive agent dispersed in a matrix polymer. Preferred bioactive agents are temperature sensitive agents which undergo thermal decomposition at a temperature above the processing temperature of the matrix polymer. Preferred matrix polymers have a melting point of about 100.degree. C. or lower.

L11 ANSWER 25 OF 54 USPATFULL on STN

AN 93:29308 USPATFULL

TI Partial esters of hyaluronic acid

IN della Valle, Francesco, Padova, Italy
Romeo, Aurelio, Rome, Italy

PA Fidia, S.p.A., Abano Terme, Italy (non-U.S. corporation)

PI US 5202431 19930413

AI US 1991-794703 19911120 (7)

RLI Continuation of Ser. No. US 1991-663324, filed on 1 Mar 1991, now abandoned which is a division of Ser. No. US 1990-562267, filed on 3 Aug 1990, now abandoned which is a division of Ser. No. US 1989-339919, filed on 19 Apr 1989, now patented, Pat. No. US 4965353 which is a division of Ser. No. US 1986-881454, filed on 2 Jul 1986, now patented, Pat. No. US 4851521

PRAI IT 1985-48322 19850708

IT 1986-48202 19860630

DT Utility

FS Granted

EXNAM Primary Examiner: Griffin, Ronald W.

LREP Birch, Stewart, Kolasch & Birch

CLMN Number of Claims: 5

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 2841

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention concerns the esters of hyaluronic acid in which all or only a portion of the carboxylic groups of the acid are esterified, and the salts of the partial esters with metals or with pharmacologically acceptable organic bases. The compounds possess interesting and precious bioplastic and pharmaceutical properties and may be used in innumerable fields, including cosmetics, surgery and medicine. The invention also

includes pharmaceutical preparations containing, as an active ingredient, one or more hyaluronic acid esters, or a salt thereof as described above, as well as medicaments containing:

1) a pharmacologically active substance or an association of pharmacologically active substances and

2) a carrying vehicle containing a total or partial ester of hyaluronic acid. The invention includes also various uses of the hyaluronic esters or of the above mentioned medicaments, such as in medicine, surgery or cosmetics.

The invention also relates to a new procedure for the preparation of polysaccharide esters containing carboxylic groups, such as in particular the above mentioned hyaluronic acid esters.

L11 ANSWER 26 OF 54 USPATFULL on STN

AN 92:92937 USPATFULL

TI Hyaluronics acid fractions, methods for the preparation thereof, and pharmaceutical compositions containing same

IN della Valle, Francesco, Padova, Italy

Romeo, Aurelio, Rome, Italy

Lorenzi, Silvana, Padova, Italy

PA Fidia, S.p.A., Abano Terme, Italy (non-U.S. corporation)

PI US 5166331 19921124

AI US 1989-452681 19891219 (7)

RLI Continuation of Ser. No. US 1985-756824, filed on 19 Jul 1985, now abandoned which is a continuation-in-part of Ser. No. US 1985-719113, filed on 2 Apr 1985, now abandoned And a continuation-in-part of Ser. No. US 1984-669431, filed on 8 Nov 1984, now abandoned

PRAI IT 1983-49143 19831010

IT 1984-48979 19841009

IT 1985-47924 19850405

DT Utility

FS Granted

EXNAM Primary Examiner: Nutter, Nathan M.

LREP Birch, Stewart, Kolasch & Birch

CLMN Number of Claims: 18

ECL Exemplary Claim: 1

DRWN 1 Drawing Figure(s); 1 Drawing Page(s)

LN.CNT 2569

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Two pharmaceutically useful fractions of hyaluronic acid are obtained comprising a first fraction with a molecular weight between 50,000 and 100,000 which is useful for wound healing, and a second fraction having a molecular weight between 500,000 and 730,000 which is useful for intraocular and intraarticular injections.

In addition, pharmaceutical preparations for topical administration are provided containing a pharmacologically active substance together with hyaluronic acid or a molecular weight fraction thereof. The hyaluronic acid may be in the form of the free acid or may be a salt with an alkali or alkaline earth metal, magnesium, aluminum or ammonium, or in the form of a salt with one or more pharmacologically active substances.

L11 ANSWER 27 OF 54 USPATFULL on STN

AN 92:92531 USPATFULL

TI **Antimicrobial** ophthalmic solutions containing dodecyl-dimethyl-(2 phenoxyethyl)-ammonium bromide and methods of using the same

IN Heyl, Barbara L., Atlanta, GA, United States

Winterton, Lynn C., Rosewell, GA, United States

Tsao, Fu-Pao, Lawrenceville, GA, United States
PA Ciba-Geigy Corporation, Ardsley, NY, United States (U.S. corporation)
PI US 5165918 19921124
AI US 1990-461366 19900105 (7)
RLI Continuation of Ser. No. US 1988-212486, filed on 28 Jun 1988, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Lee, Lester L.
LREP Wenderoth, Lind & Ponack
CLMN Number of Claims: 10
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 422

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to the use of dodecyl-dimethyl-(2 phenoxyethyl)-ammonium bromide as an **antimicrobial** agent to be a preservative for ophthalmic drug solutions, in disinfecting solutions, as well as in preservatives for aqueous ocular solutions for contact lenses.

L11 ANSWER 28 OF 54 USPATFULL on STN

AN 92:84675 USPATFULL
TI Dentifrices containing aminoalkyl silicones and sarcosinate surfactants
IN Weber, Thomas R., Fairlawn, NJ, United States
Krysiak, Nancy H., Ridgfield, CT, United States
Vicararo, John P., Whitestone, NY, United States
Lin, Samuel, Paramus, NJ, United States
Domke, Todd, Clifton, NY, United States
PA Chesebrough-Pond's USA Co., Division of Conopco, Inc., Greenwich, CT, United States (U.S. corporation)
PI US 5154915 19921013
AI US 1990-513055 19900423 (7)
RLI Continuation of Ser. No. US 1989-426477, filed on 23 Oct 1989, now abandoned which is a continuation of Ser. No. US 1988-276973, filed on 28 Nov 1988, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Rose, Shep K.
LREP McGowan, Jr., Gerard J.
CLMN Number of Claims: 35
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1115

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Dentifrices, including toothpastes and mouthwashes, are provided which include aminoalkyl silicones and sarcosine surfactants. In the mouth, the aminoalkyl silicones form a lasting hydrophobic film on the teeth for prevention of cavities and stain. **Antimicrobial** compounds such as **chlorhexidine** may be included.

L11 ANSWER 29 OF 54 USPATFULL on STN

AN 92:74410 USPATFULL
TI Nonoxidative ophthalmic compositions and methods for preserving and using same
IN Dziabo, Anthony J., El Toro, CA, United States
Wong, Michelle P., Tustin, CA, United States
Gyulai, Peter, Santa Ana, CA, United States
PA Allergan, Inc., Irvine, CA, United States (U.S. corporation)
PI US 5145643 19920908
AI US 1990-461181 19900105 (7)
DT Utility

FS Granted
EXNAM Primary Examiner: Warden, Robert J.; Assistant Examiner: Trembly, T. A.
LREP Uxa, Jr., Frank J., Peterson, Gordon L.
CLMN Number of Claims: 38
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 636

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Ophthalmic compositions, such as those used to care for contact lenses, methods of preserving such compositions, and methods for disinfecting contact lenses using such compositions are disclosed. The compositions may comprise an ophthalmically acceptable, liquid aqueous medium and, included therein, an effective preserving or disinfecting amount of certain oxygen-containing ionene polymers.

L11 ANSWER 30 OF 54 USPATFULL on STN

AN 92:72471 USPATFULL
TI Pharmaceutical preparations
IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of
PA Medice Chem.-Pharm. Fabrik Putter GmbH & Co. KG, Iserlohn, Germany, Federal Republic of (non-U.S. corporation)
PI US 5143917 19920901
AI US 1990-529094 19900524 (7)
RLI Division of Ser. No. US 1987-82899, filed on 6 Aug 1987, now patented, Pat. No. US 4965357

DT Utility

FS Granted

EXNAM Primary Examiner: Shen, Cecilia
LREP Townsend and Townsend
CLMN Number of Claims: 2
ECL Exemplary Claim: 1
DRWN 13 Drawing Figure(s); 13 Drawing Page(s)
LN.CNT 2641

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The synthesis and application of N(1)-n-alkyl-pyrimidinium-salts are described. These surfactants have a very small critical micelle concentration (CMC) in the order of 10.sup.-5 -10.sup.-7 Mol/Liter. These N(1)-n-alkyl-pyrimidinium components have pharmacological activities and can act as antimetabolites.

L11 ANSWER 31 OF 54 USPATFULL on STN

AN 92:61750 USPATFULL
TI Pharmaceutical preparations
IN Paradies, Henrich, Iserlohn, Germany, Federal Republic of
PA Medice Chem.-Pharm. Fabrik Putter GmbH & Co. KG, Germany, Federal Republic of (non-U.S. corporation)
PI US 5133973 19920728
AI US 1990-528299 19900524 (7)
RLI Division of Ser. No. US 1987-82899, filed on 6 Aug 1987, now patented, Pat. No. US 4965357

DT Utility

FS Granted

EXNAM Primary Examiner: Shen, Cecilia
LREP Townsend and Townsend
CLMN Number of Claims: 4
ECL Exemplary Claim: 1
DRWN 13 Drawing Figure(s); 13 Drawing Page(s)
LN.CNT 2677

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The synthesis and application of N(1)-n-alkyl-pyrimidinium-salts are described. These surfactants have a very small critical micelle concentration (CMC) in the order of 10.sup.-5 -10.sup.-7 Mol/Liter.

These N(1)-n-alkyl-pyrimidinium components have pharmacological activities and can act as antimetabolites.

L11 ANSWER 32 OF 54 USPATFULL on STN
AN 92:60873 USPATFULL
TI Antiviral glove
IN Modak, Shanta M., Riveredge, NJ, United States
Sampath, Lester, Nyack, NY, United States
PA The Trustees of Columbia University in the City of New York, Morningside Heights, NY, United States (U.S. corporation)
PI US 5133090 19920728
AI US 1990-555093 19900718 (7)
RLI Continuation-in-part of Ser. No. US 1988-258189, filed on 14 Oct 1988, now patented, Pat. No. US 5019096 which is a continuation-in-part of Ser. No. US 1988-154920, filed on 11 Feb 1988, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Schroeder, Werner H.; Assistant Examiner: Current, Sara M.
LREP Brumbaugh, Graves, Donohue & Raymond
CLMN Number of Claims: 13
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 591
AB An antiviral surgical or examination glove is obtained by blocking adsorption sites for the antiinfective agent which may exist in the lubricating agent, e.g., cross-linked corn starch, or in the material of the glove itself. The glove of the invention comprises an elastomeric hand-shaped body having interior and exterior surfaces and an inner coating disposed on the interior surface of the elastomeric body. The inner coating comprises (a) an antiinfective agent selected from the group consisting of **chlorhexidine** and pharmaceutically acceptable salts of **chlorhexidine** and (b) a lubricating agent which does not significantly adsorb the antiinfective agent. The inner coating is effective to deliver an antivirally effective amount of the antiinfective agent within ten minutes of exposure to a liquid.

L11 ANSWER 33 OF 54 USPATFULL on STN
AN 92:58980 USPATFULL
TI Method for obtaining blood using iontophoresis
IN Haynes, John L., Chapel Hill, NC, United States
PA Becton Dickinson and Company, Franklin Lakes, NJ, United States (U.S. corporation)
PI US 5131403 19920721
AI US 1991-710420 19910605 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Hindenburg, Max; Assistant Examiner: Tucker, Guy V.
LREP Stierwalt, Brian K.
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 267
AB The present invention provides a method for obtaining blood from a patient which comprises:

(a) iontophoretic delivery of a bacteriocidal effective amount of a bactericide through the patient's skin, and

(b) obtaining blood through the skin at the site of the iontophoretic delivery.

The invention is particularly advantages in reducing the effects of contaminants responsible for large numbers of false positives. This advantageous is beneficial not only to a patient who benefits from an accurate diagnosis, but is also beneficial economically by eliminating unnecessary hospital stays, testing, and consulting.

L11 ANSWER 34 OF 54 USPATFULL on STN

AN 92:44949 USPATFULL

TI Pharmaceutical preparations

IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of

PA Medice Chem.-Pharm. Fabrik Putter GmbH & Co. KG, Iserlohn, Germany, Federal Republic of (non-U.S. corporation)

PI US 5118808 19920602

AI US 1990-528307 19900524 (7)

RLI Division of Ser. No. US 1987-82899, filed on 6 Aug 1987, now patented, Pat. No. US 4965357

DT Utility

FS Granted

EXNAM Primary Examiner: Shen, Cecilia

LREP Townsend and Townsend

CLMN Number of Claims: 6

ECL Exemplary Claim: 1

DRWN 13 Drawing Figure(s); 13 Drawing Page(s)

LN.CNT 2758

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The synthesis and application of N(1)-n-alkyl-pyrimidinium-salts are described. These surfactants have a very small critical micelle concentration (CMC) in the order of 10.sup.-5 -10.sup.-7 Mol/Liter. These N(1)-n-alkyl-pyrimidinium components have pharmacological activities and can act as antimetabolites.

L11 ANSWER 35 OF 54 USPATFULL on STN

AN 92:38399 USPATFULL

TI Imidazole derivatives and use as anti-bacteria, anti-fungal and anti-viral agents

IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of

PA Medice chem.-pharm. Fabrik Putter GmbH & Co. KG, Iserlohn, Germany, Federal Republic of (non-U.S. corporation)

PI US 5112844 19920512

AI US 1991-681445 19910403 (7)

RLI Continuation of Ser. No. US 1990-593550, filed on 2 Oct 1990, now abandoned which is a continuation of Ser. No. US 1989-434543, filed on 30 Oct 1989, now abandoned which is a continuation of Ser. No. US 1989-321499, filed on 9 Mar 1989, now abandoned which is a division of Ser. No. US 1987-82891, filed on 6 Aug 1987, now patented, Pat. No. US 4877883

PRAI DE 1986-3626700 19860807

DT Utility

FS Granted

EXNAM Primary Examiner: Richter, Johann

LREP Townsend & Townsend

CLMN Number of Claims: 2

ECL Exemplary Claim: 1

DRWN 13 Drawing Figure(s); 13 Drawing Page(s)

LN.CNT 2698

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The synthesis of quaternary five membered N-n-alkyl-heterocycles, especially of 4-hydroxy-N(1)-n-alkyl-imidazolium, 2,5-substituted N(3)-n-alkyl-thiazolium and substituted N(2) pyrazolium salts are described. The N-surfactants obtained have a very small critical micelle concentration (CMC) of 10.sup.-5 -10.sup.-7 Mol/Liter, and are capable of forming micelles of different sizes and forms depending on the nature

of the anions. The N-detergents can be used as pharmaceuticals.

L11 ANSWER 36 OF 54 USPATFULL on STN

AN 92:36314 USPATFULL

TI Process for the preparation of N-alkylated quaternary nitrogen containing aromatic heterocycles

IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of

PA Medice Cham.-Pharm. Fabrik Putter GmbH & Co. KG, Iserlohn, Germany, Federal Republic of (non-U.S. corporation)

PI US 5110929 19920505

AI US 1990-538350 19900614 (7)

RLI Division of Ser. No. US 1989-446015, filed on 4 Dec 1989 which is a division of Ser. No. US 1987-82773, filed on 6 Aug 1987, now patented, Pat. No. US 4894454

DT Utility

FS Granted

EXNAM Primary Examiner: Shen, Cecilia

LREP Townsend and Townsend

CLMN Number of Claims: 7

ECL Exemplary Claim: 1

DRWN 13 Drawing Figure(s); 13 Drawing Page(s)

LN.CNT 2723

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The synthesis of 4-, 4-(1,1)-and 3,5-substituted N-alkyl-pyridinium salts as well as of 2-carboxamide substituted N(1,4)diazinium compounds are described. The N-surfactants obtained have a small critical micelle concentration (CMC) of 10.sup.-5 -10.sup.-7 Mol/Liter. These surfactants produce micells of different size and form depending on the nature of the anions. 4-(1,1)-substituted and 3,5-substituted N-alkyl-pyridinium components are capable of forming vesicles in aqueous solutions of different forms and sizes. The N-surfactants synthesized can be used as pharmaceuticals.

L11 ANSWER 37 OF 54 USPATFULL on STN

AN 91:84461 USPATFULL

TI Pharmaceutical preparations

IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of

PA Medice Hem.-Pharm. Fabrik Putter GmbH & Co. KG, Iserlohn, Germany, Federal Republic of (non-U.S. corporation)

PI US 5057518 19911015

AI US 1990-532486 19900524 (7)

RLI Division of Ser. No. US 1987-82899, filed on 6 Aug 1987, now patented, Pat. No. US 4965357

DT Utility

FS Granted

EXNAM Primary Examiner: Shen, Cecilia

LREP Townsend and Townsend

CLMN Number of Claims: 2

ECL Exemplary Claim: 1

DRWN 13 Drawing Figure(s); 13 Drawing Page(s)

LN.CNT 2671

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The synthesis and application of N(1)-n-alkyl-pyrimidinium-salts are described. These surfactants have a very small critical micelle concentration (CMC) in the order of 10.sup.-5 -10.sup.-7 Mol/Liter. These N(1)-n-alkyl-pyrimidinium components have pharmacological activities and can act as antimetabolites.

L11 ANSWER 38 OF 54 USPATFULL on STN

AN 91:77779 USPATFULL

TI Pharmaceutical preparations

IN Paradies, Henrich H., Kuhlweg, Germany, Federal Republic of

PA Medice Chem.-Pharm. Fabrik Putter GmbH & Co. KG, Germany, Federal
Republic of (non-U.S. corporation)
PI US 5051435 19910924
AI US 1990-533998 19900604 (7)
RLI Continuation of Ser. No. US 1989-321495, filed on 9 Mar 1989, now
abandoned
PRAI DE 1986-36267 19860807
DT Utility
FS Granted
EXNAM Primary Examiner: Gerstl, Robert
LREP Townsend and Townsend
CLMN Number of Claims: 2
ECL Exemplary Claim: 1
DRWN 13 Drawing Figure(s); 13 Drawing Page(s)
LN.CNT 2649

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The synthesis of quaternary five membered N-n-alkyl-hetero-cycles,
especially of 4-hydroxy-N(1)-n-alkyl-imidazolium, 2,5-substituted
N(3)-n-alkyl-thiazolium and substituted N(2) pyrazolium salts are
described. The N-surfactants obtained have a very small critical micelle
concentration (CMC) of 10.sup.-5 -10.sup.-7 Mol/Liter, and are capable
of forming micelles of different sizes and forms depending on the nature
of the anions. The N-detergents can be used as pharmaceuticals.

L11 ANSWER 39 OF 54 USPATFULL on STN

AN 91:71291 USPATFULL
TI Pharmaceutical preparations
IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of
PA Medici Chem.-Pharm. Fabrik Putter GmbH, Germany, Federal Republic of
(non-U.S. corporation)
PI US 5045530 19910903
AI US 1989-344363 19890427 (7)
PRAI DE 1986-3626700 19860807
DT Utility
FS Granted
EXNAM Primary Examiner: Lee, Lester L.; Assistant Examiner: Davenport, Avis
LREP Townsend and Townsend
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN 9 Drawing Figure(s); 7 Drawing Page(s)
LN.CNT 4010

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A pharmaceutical preparation is disclosed which is made up of a micelle
or a vesicle each consisting of a cationic tenside with a monovalent ion
and a hydrophobic cyclic or linear peptide, dispersed in a solvent whose
pH value lies between pH 7-pH 8, the critical micellization
concentration (cmc) lying in the range of 1.0.10.sup.-7 to 7.0.10.sup.-5
mol/liter. The preparations disclosed have in particular the advantage
that by the increasing of the hydrophobicity of the alkyl or aryl chain
or the radical at the N.sup.+ tenside both the membrane permeability is
increased and furthermore the pharmaceutical active substance, in
particular linear and cyclic tyrocidines (A-J), can be transferred
actively into the cytosol. They thus act on the transcription level. In
addition, linear and cyclic tyrocidines in particular have antiviral
effects.

L11 ANSWER 40 OF 54 USPATFULL on STN

AN 91:54797 USPATFULL
TI Disinfectant compositions
IN Bansemir, Klaus, Langenfeld, Germany, Federal Republic of
Disch, Karlheinz, Haan, Germany, Federal Republic of
Hachmann, Klaus, Hilden, Germany, Federal Republic of

PA Henkel Kommanditgesellschaft auf Aktien, Duesseldorf-Holthausen,
Germany, Federal Republic of (non-U.S. corporation)
PI US 5030659 19910709
AI US 1990-477159 19900208 (7)
RLI Continuation of Ser. No. US 1989-344411, filed on 25 Apr 1989, now
abandoned which is a continuation of Ser. No. US 1986-936417, filed on 1
Dec 1986, now abandoned
PRAI DE 1985-3542516 19851202
DT Utility
FS Granted
EXNAM Primary Examiner: Robinson, Allen J.
LREP Szoke, Ernest G., Jaeschke, Wayne C., Millson, Jr., Henry E.
CLMN Number of Claims: 2
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 245
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Liquid, aqueous disinfectant preparations containing a combination of

(a) at least one microbicidal quaternary ammonium compound

(b) at least one microbicidal biguanide compound and

(c) at least one microbicidal phenolic compound,

components (a) and (b) being present in a ratio by weight a:b of (16 -
2); 1 while components (a) and (c) are present in a ratio by weight a:c
of (16 - 2):1.

L11 ANSWER 41 OF 54 USPATFULL on STN

AN 91:46542 USPATFULL
TI Sustained-release pharmaceutical compositions
IN Friedman, Michael, Jerusalem, Israel
Steinberg, Doron, Jerusalem, Israel
Soskolne, Aubrey, Jerusalem, Israel
PA Yisum Research Development Company of the Hebrew University of
Jerusalem, Jerusalem, Israel (non-U.S. corporation)
PI US 5023082 19910611
AI US 1988-175623 19880330 (7)
RLI Continuation-in-part of Ser. No. US 1987-49255, filed on 13 May 1987,
now abandoned
PRAI IL 1986-78826 19860518
DT Utility
FS Granted
EXNAM Primary Examiner: Page, Thurman K.
LREP Sterne, Kessler, Goldstein & Fox
CLMN Number of Claims: 42
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1314
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention pertains to biodegradable sustained-release
composins capable of achieving the sustained release of a pharmaceutical
or other agent. The compositions can be formed into implant devices
which may be used to treat a wide variety of diseases and conditions.
The implants are especially useful in treating diseases such as
periodontal disease which require prolonged drug release.

L11 ANSWER 42 OF 54 USPATFULL on STN

AN 91:20749 USPATFULL
TI N-alkyl-6,7-dihydroxy benzimidazolium salts
IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of

PA Medice Chem.-Pharm. Fabrik Putter GmbH & Co. KG, Germany, Federal
Republic of (non-U.S. corporation)
PI US 4999435 19910312
AI US 1989-384352 19890724 (7)
RLI Division of Ser. No. US 1987-83476, filed on 6 Aug 1987, now patented,
Pat. No. US 4870174
PRAI DE 1986-3626700 19860807
DT Utility
FS Granted
EXNAM Primary Examiner: Daus, Donald G.
LREP Townsend and Townsend
CLMN Number of Claims: 1
ECL Exemplary Claim: 1
DRWN 13 Drawing Figure(s); 13 Drawing Page(s)
LN.CNT 2664

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The synthesis of 7-n-alkyl-imidazolium [4,5-d]-pyrimidines,
6-substituted-3n-alkyl-benzimidazolium- and 3n-alkyl-5,6-substituted-
benzthiazolium salts are described. These N.sup.+ -surfactants having a
substituted heterocycle as a head group have distinguished small
critical micelle concentrations (CMC) in the range of 10.sup.-5
-10.sup.-7 Mol/Liter. The size and shape of these micelles in watery
solutions are determined by the nature of the anion. The N-surfactants
can be used as pharmaceuticals as well as reporter groups in
fluorescence studies including immunological assays.

L11 ANSWER 43 OF 54 USPATFULL on STN

AN 90:81884 USPATFULL
TI 2,5,6-substituted N.sub.1 -alkylpyrimidines
IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of
PA Medice Chem.-Pharm. Fabrik Putter GmbH & Co. KG, Iserlohn, Germany,
Federal Republic of (non-U.S. corporation)
PI US 4965357 19901023
AI US 1987-82899 19870806 (7)
PRAI DE 1986-3626700 19860807
DT Utility
FS Granted
EXNAM Primary Examiner: Shen, Cecilia
LREP Townsend and Townsend
CLMN Number of Claims: 1
ECL Exemplary Claim: 1
DRWN 13 Drawing Figure(s); 13 Drawing Page(s)
LN.CNT 2639

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The synthesis and application of N(1)-n-alkyl-pyrimidinium-salts are
described. These surfactants have a very small critical micelle
concentration (CMC) in the order of 10.sup.-5 -10.sup.-7 Mol/Liter.
These N(1)-n-alkyl-pyrimidinium components have pharmacological
activities and can act as antimetabolites.

L11 ANSWER 44 OF 54 USPATFULL on STN

AN 90:81880 USPATFULL
TI Polysaccharide esters and their salts
IN della Valle, Francesco, Padova, Italy
Romeo, Aurelio, Rome, Italy
PA Fidia S.p.A., Abano Terme, Italy (non-U.S. corporation)
PI US 4965353 19901023
AI US 1989-339919 19890419 (7)
DCD 20060725
RLI Division of Ser. No. US 1986-881454, filed on 2 Jul 1986, now patented,
Pat. No. US 4851521
PRAI IT 1985-4832285 19850708

IT 1986-4820286 19860630
DT Utility
FS Granted
EXNAM Primary Examiner: Griffin, Ronald W.
LREP Birch, Stewart, Kolasch & Birch
CLMN Number of Claims: 43
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2948

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention concerns the esters of hyaluronic acid in which all or only a portion of the carboxylic groups of the acid are esterified, and the salts of the partial esters with metals or with pharmacologically acceptable organic bases.

The compounds possess interesting and precious bioplastic and pharmaceutical properties and may be used in innumerable fields, including cosmetics, surgery and medicine. The invention also includes pharmaceutical preparations containing, as an active ingredient, one or more hyaluronic acid esters, or a salt thereof as described above, as well as medicaments containing:

(1) a pharmacologically active substance or an association of pharmacologically active substances and

(2) a carrying vehicle containing a total or partial ester of hyaluronic acid.

The invention includes also various uses of the hyaluronic esters or of the above mentioned medicaments, such as in medicine, surgery or cosmetics.

The invention also relates to a new procedure for the preparation of polysaccharide esters containing carboxylic groups, such as in particular the above mentioned hayluronic acid esters.

L11 ANSWER 45 OF 54 USPATFULL on STN

AN 90:4462 USPATFULL

TI Pharmaceutical preparations

IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of

PA Medice Chem.-Pharm. Fabrik, Putter GmbH & Co., KG, Germany, Federal Republic of (non-U.S. corporation)

PI US 4894454 19900116

AI US 1987-82773 19870806 (7)

PRAI DE 1986-3626700 19860807

DT Utility

FS Granted

EXNAM Primary Examiner: Shah, Mukund J.; Assistant Examiner: Shen, Cecilia

LREP Townsend and Townsend

CLMN Number of Claims: 2

ECL Exemplary Claim: 1

DRWN 13 Drawing Figure(s); 13 Drawing Page(s)

LN.CNT 2698

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The synthesis of 4-, 4-(1,1)- and 3,5- substituted N-alkyl-pyridinium salts as well as of 2-carboxamide substituted N(1,4)diazinium compounds are described. The N-surfactants obtained have a small critical micelle concentration (CMC) of 10.sup.-5 -10.sup.-7 Mol/Liter. These surfactants produce micells of different size and form depending on the nature of the anions. 4-(1,1)-substituted and 3,5-substituted N-alkyl-pyridinium components are capable of forming vesicles in equeous solutions of different forms and sizes. The N-surfactants synthesized can be used as

pharmaceuticals.

L11 ANSWER 46 OF 54 USPATFULL on STN

AN 89:94275 USPATFULL

TI Pharmaceutical preparations

IN Paradies, Heinrich H., Iserlohn, Germany, Federal Republic of

PA Medice Chem.-Pharm. Fabrik, Germany, Federal Republic of (non-U.S. corporation)

PI US 4882435 19891121

AI US 1989-321436 19890309 (7)

RLI Division of Ser. No. US 1987-82891, filed on 6 Aug 1987

DT Utility

FS Granted

EXNAM Primary Examiner: Gerstl, Robert

LREP Townsend & Townsend

CLMN Number of Claims: 2

ECL Exemplary Claim: 1

DRWN 13 Drawing Figure(s); 13 Drawing Page(s)

LN.CNT 2630

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The synthesis of quaternary five membered N-n-alkyl-heterocycles, especially of 4-hydroxy-N(1)-n-alkyl-imidazolium, 2,5-substituted N(3)-n-alkyl-thiazolium and substituted N(2) pyrazolium salts are described. The N-surfactants obtained have a very small critical micelle concentration (CMC) of 10.sup.-5 -10.sup.-7 Mol/Liter, and are capable of forming micelles of different sizes and forms depending on the nature of the anions. The N-detergents can be used as pharmaceuticals.

L11 ANSWER 47 OF 54 USPATFULL on STN

AN 89:89305 USPATFULL

TI Substituted pyrazoles

IN Paradies, Heinrich H., Iserlohn, Germany, Federal Republic of

PA Medice chem.-pharm. Fabrik Putter GmbH & Co. KG, Germany, Federal Republic of (non-U.S. corporation)

PI US 4877883 19891031

AI US 1987-82891 19870806 (7)

PRAI DE 1986-3626700 19860807

DT Utility

FS Granted

EXNAM Primary Examiner: Lee, Mary C.; Assistant Examiner: Richter, J.

LREP Townsend and Townsend

CLMN Number of Claims: 2

ECL Exemplary Claim: 1

DRWN 13 Drawing Figure(s); 13 Drawing Page(s)

LN.CNT 2654

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The synthesis of quaternary five membered N-n-alkyl-heterocycles, especially of 4-hydroxy-N(1)-n-alkyl-imidazolium, 2,5-substituted N(3)-n-alkyl-thiazolium and substituted N(2) pyrazolium salts are described. The N-surfactants obtained have a very small critical micelle concentration (CMC) of 10.sup.-5 -10.sup.-7 Mol/Liter, and are capable of forming micelles of different sizes and forms depending on the nature of the anions. The N-detergents can be used as pharmaceuticals.

L11 ANSWER 48 OF 54 USPATFULL on STN

AN 89:86001 USPATFULL

TI Pharmaceutical preparations

IN Paradies, Heinrich H., Iserlohn, Germany, Federal Republic of

PA Medice Chem.-Pharm. Fabrik Putter GmbH & Co., Germany, Federal Republic of (non-U.S. corporation)

PI US 4874850 19891017

AI US 1987-83463 19870806 (7)

PRAI DE 1986-3626700 19860807
DT Utility
FS Granted
EXNAM Primary Examiner: Ford, John M.
LREP Townsend & Townsend
CLMN Number of Claims: 9
ECL Exemplary Claim: 1
DRWN 9 Drawing Figure(s); 7 Drawing Page(s)
LN.CNT 3977

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A pharmaceutical preparation is disclosed which is made up of a micelle or a vesicle each consisting of a cationic tenside with a monovalent ion and a hydrophobic cyclic or linear peptide, dispersed in a solvent whose pH value lies between pH 7-pH 8, the critical micellization concentration (cmc) lying in the range of $1.0 \cdot 10^{\text{sup.}-7}$ to $7.0 \cdot 10^{\text{sup.}-5}$ mol/liter. The preparation disclosed have in particular the advantage that by the increasing of the hydrophobicity of the alkyl or aryl chain or the radical at the N.^{sup.}+ tenside both the membrane permeability is increased and furthermore the pharmaceutical active substance, in particular linear and cyclic tyrocidines (A-E), can be transferred actively into the cytosol. They thus act on the transcription level. In addition, linear and cyclic tyrocidines in particular have antiviral effects.

L11 ANSWER 49 OF 54 USPATFULL on STN

AN 89:80890 USPATFULL
TI Imidazopyrionidines and their use in pharmaceutical preparations
IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of
PA Medice chem.-pharm. Fabrik, Germany, Federal Republic of (non-U.S. corporation)
PI US 4870174 19890926
AI US 1987-83476 19870806 (7)
PRAI DE 1986-3626700 19860807
DT Utility
FS Granted
EXNAM Primary Examiner: Daus, Donald G.
LREP Townsend and Townsend
CLMN Number of Claims: 2
ECL Exemplary Claim: 1
DRWN 13 Drawing Figure(s); 13 Drawing Page(s)
LN.CNT 2661

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The synthesis of 7-n-alkyl-imidazolium[4,5-d]-pyrimidines, 6-substituted-3n-alkyl-benzimidazolium- and 3n-alkyl-5,6-substituted-benzthiazolium salts are described. There N.^{sup.}+ -surfactants having a substituted heterocycle as a head group have distinguished small critical micelle concentrations (CMC) in the range of $10^{\text{sup.}-5}$ - $10^{\text{sup.}-7}$ Mol/Liter. The size and shape of these micelles in watery solutions are determined by the nature of the anion. The N-surfactants can be used as pharmaceuticals as well as reporter groups in fluorescence studies including immunological assays.

L11 ANSWER 50 OF 54 USPATFULL on STN

AN 89:60987 USPATFULL
TI Esters of hyaluronic acid
IN della Valle, Francesco, Padova, Italy
Romeo, Aurelio, Rome, Italy
PA Fidia, S.p.A., Abano Terme, Italy (non-U.S. corporation)
PI US 4851521 19890725
AI US 1986-881454 19860702 (6)
PRAI IT 1985-48322 19850708
IT 1986-48202 19860630

DT Utility
FS Granted
EXNAM Primary Examiner: Griffin, Ronald W.
LREP Birch, Stewart, Kolasch & Birch
CLMN Number of Claims: 48
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 3009

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention concerns the esters of hyaluronic acid in which all or only a portion of the carboxylic groups of the acid are esterified, and the salts of the partial esters with metals or with pharmacologically acceptable organic bases.

The compounds possess interesting and precious bioplastic and pharmaceutical properties and may be used in innumerable fields, including cosmetics, surgery and medicine. The invention also includes pharmaceutical preparations containing, as an active ingredient, one or more hyaluronic acid esters, or a salt thereof as described above, as well as medicaments containing:

(1) a pharmacologically active substance or an association of pharmacologically active substances and

(2) a carrying vehicle containing a total or partial ester of hyaluronic acid. The invention includes also various uses of the hyaluronic esters or of the above mentioned medicaments, such as in medicine, surgery or cosmetics.

The invention also relates to a new procedure for the preparation of polysaccharide esters containing carboxylic groups, such as in particular the above mentioned hyaluronic acid esters.

L11 ANSWER 51 OF 54 USPATFULL on STN

AN 87:48778 USPATFULL

TI Impregnated substrate incorporating an indicator dye

IN Fellows, Adrian N., Hedben Bridge, England

PA Fibre Treatments (Holding) Limited, Burnley, England (non-U.S. corporation)

PI US 4678704 19870707

AI US 1986-889793 19860724 (6)

PRAI GB 1985-18736 19850724

DT Utility

FS Granted

EXNAM Primary Examiner: McCamish, Marion C.

LREP Woodard, Weikart, Emhardt & Naughton

CLMN Number of Claims: 11

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 170

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An impregnated fabric material comprising a fabric substrate to which has been bonded an active cationic impregnant characterized in that there has also been applied to the substrate an anionic indicator dye in combination with a further cationic component, and in that the dye bonds to the further cationic component more readily than to the substrate and that the further cationic component competes with the impregnant for bonding to the dye. In the case of a wiping cloth, when the dye, which can act as an indicator, has been removed to indicate exhaustion of the active component, enough active component in fact remains on the cloth to provide a safety margin.

L11 ANSWER 52 OF 54 USPATFULL on STN

AN 86:66902 USPATFULL

TI Basic amino or ammonium **antimicrobial** agent-polyethylene glycol ester surfactant-betaine and/or amine oxide surfactant compositions and method of use thereof

IN Gorman, William G., East Greenbush, NY, United States

Popp, Karl F., Schodack Landing, NY, United States

PA Sterling Drug Inc., New York, NY, United States (U.S. corporation)

PI US 32300 19861202
US 4420484 19831213 (Original)

AI US 1985-752332 19850703 (6)

US 1981-320754 19811112 (Original)

RLI Continuation-in-part of Ser. No. US 1981-245089, filed on 18 Mar 1981, now abandoned which is a continuation-in-part of Ser. No. US 1980-158737, filed on 12 Jun 1980, now abandoned which is a continuation-in-part of Ser. No. US 1979-65885, filed on 13 Aug 1979, now abandoned

DT Reissue

FS Granted

EXNAM Primary Examiner: Schenkman, Leonard

LREP Miller, Theodore C., Dupont, Paul E., Wyatt, B. Woodrow

CLMN Number of Claims: 31

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 816

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Basic amino or ammonium **antimicrobial** agent (especially bisbiguanide, **quarternary ammonium** salt and bispyridine)-polyethylene glycol ester surfactant-betaine and/or amine oxide surfactant **antimicrobial** skin cleansing compositions and method of use thereof are disclosed.

L11 ANSWER 53 OF 54 USPATFULL on STN

AN 82:13729 USPATFULL

TI Potentiated medicaments

IN Sipos, Tibor, Lebanon, NJ, United States

PA Johnson & Johnson, New Brunswick, NJ, United States (U.S. corporation)

PI US 4321257 19820323

AI US 1979-79028 19790926 (6)

RLI Division of Ser. No. US 1978-890881, filed on 27 Mar 1978, now patented, Pat. No. US 4197318, issued on 8 Apr 1980 which is a division of Ser. No. US 1976-748868, filed on 10 Dec 1976, now patented, Pat. No. US 4091090, issued on 23 May 1978 which is a division of Ser. No. US 1975-595986, filed on 14 Jul 1975, now patented, Pat. No. US 4006218, issued on 1 Feb 1977 which is a continuation of Ser. No. US 1974-486287, filed on 8 Jul 1974, now abandoned which is a continuation-in-part of Ser. No. US 1972-285682, filed on 1 Sep 1972, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Rosen, Sam

LREP Newman, Irving

CLMN Number of Claims: 15

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1030

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB **Antimicrobial** compositions are provided wherein there is obtained an enhancement of the activity of an **antimicrobial** agent exemplified by **quarternary ammonium** compounds, bisdiguanydes, anti-fungal agents, phenols, hydroxydiphenyls, carbanilides, salicylanilides, organo-metallic antiseptics, antibiotics, halogens, organic halogen derivatives and iodophores derived from

nonionic surface active agents and from polyvinylpyrrolidone by combining the **antimicrobial** agent with an effective amount of a potentiator. The potentiator is a cyclohexyl phenol which may have a substituent on the phenyl ring selected from the group consisting of C.sub.1 to C.sub.3 alkyl and alkoxy, hydroxy, halo, amino and alkyl and dialkyl amino-substituents.

These novel compositions find special applications as surgical scrub solutions, and for use in dressing topical wounds where the presence of blood and wound exudate would otherwise inhibit the action of the **antimicrobial** agent if it were to be used alone.

L11 ANSWER 54 OF 54 USPATFULL on STN
AN 77:69105 USPATFULL
TI Binding of **antimicrobial** compounds to a hydroxyl containing substrate with cyanuric chloride
IN Brenner, Mortimer Wilkes, Scarsdale, NY, United States
Laufer, Louis, New York, NY, United States
PA Schwarz Services International Ltd., Mount Vernon, NY, United States (U.S. corporation)
PI US 4035146 19770712
AI US 1975-623744 19751020 (5)
DT Utility
FS Granted
EXNAM Primary Examiner: Schenkman, Leonard
LREP St. Onge, Mayers, Steward & Reens
CLMN Number of Claims: 5
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 692
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Methods and compositions are disclosed for chemically bonding an **antimicrobial** compound to an hydroxyl bearing substrate such as cellulose, starches or leather. Cyanuric chloride (2, 4, 6 tri-chloro 1, 3, 5 triazine) is bonded to the substrate through the substrate hydroxyl and to the **antimicrobial** through an amine, guanido or quaternary ammonium group. The composition is: ##STR1## R.sub.1 or R.sub.2 may be chlorine or the same or different amine, guanido or quaternary ammonium containing **antimicrobial**. The bonding process is carried out in an aqueous solution having a pH of about 9 - 10.

=> s octoxyglycerin and antimicrob
27 OCTOXYGLYCERIN
2634 ANTIMICROB
L12 0 OCTOXYGLYCERIN AND ANTIMICROB

=> s octoxyglycerin and antimicrob?
27 OCTOXYGLYCERIN
30490 ANTIMICROB?
L13 25 OCTOXYGLYCERIN AND ANTIMICROB?

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 NCLM, NCLS, EXF, REP, REN, ARTU, EXNAM, LREP,
 CLMN, DRWN, AB
 FP.EX ----- FP for original and latest publication
 FPALL ----- PI, TI, IN, INA, PA, PAA, PAT, PTERM, DCD, AI,
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 PARN, SUMM, DRWD, DETD, CLM
 FPBIB ----- PI, TI, IN, INA, PA, PAA, PAT, PTERM, DCD, AI,
 RLI, PRAI, REP, REN, EXNAM, LREP, CLM, CLMN, DRWN
 FHITSTR ---- HIT RN, its text modification, its CA index name, and
 its structure diagram
 FPG ----- FP plus PAGE.DRAW
 GI ----- PN and page image numbers
 HIT ----- All fields containing hit terms
 HITRN ----- HIT RN and its text modification
 HITSTR ----- HIT RN, its text modification, its CA index name, and
 its structure diagram
 IABS ----- ABS, indented with text labels
 IALL ----- ALL, indented with text labels
 IALLG ----- IALL plus PAGE.DRAW
 IBIB ----- BIB, indented with text labels
 IBIB.EX ---- IBIB for original and latest publication
 IBIBG ----- IBIB plus PAGE.DRAW
 IMAX ----- MAX, indented with text labels
 IMAX.EX ---- IMAX for original and latest publication
 IND ----- INCL, INCLM, INCLS, NCL, NCLM, NCLS, IC, ICM, ICS,
 EXF, ARTU, OS, CC, SX, ST, IT
 ISTD ----- STD, indented with text labels
 KWIC ----- All hit terms plus 20 words on either side
 MAX ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, PTERM, DCD,
 RLI, PRAI, DT, FS, REP, REN, EXNAM, LREP, CLMN, ECL,
 DRWN, AB, GOVI, PARN, SUMM, DRWD, DETD, CLM, INCL,
 INCLM, INCLS, NCL, NCLM, NCLS, IC, ICM, ICS,
 EXF, ARTU OS, CC, SX, ST, IT
 MAX.EX ----- MAX for original and latest publication
 OCC ----- List of display fields containing hit terms
 SBIB ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, RLI, PRAI,
 DT, FS, LN.CNT
 SCAN ----- AN, TI, NCL, NCLM, NCLS, IC, ICM, ICS (random display
 without answer number. SCAN must be entered on the
 same line as DISPLAY, e.g., D SCAN)
 STD ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, RLI, PRAI,
 DT, FS, LN.CNT, INCL, INCLM, INCLS, NCL, NCLM, NCLS,
 IC, ICM, ICS, EXF (STD is the default)
 STD.EX ----- STD for original and latest publication

TRIAL ----- AN, TI, INCL, INCLM, INCLS, NCL, NCLM, NCLS, IC,
ICM, ICS

ENTER DISPLAY FORMAT (STD):STD

L11 ANSWER 1 OF 54 USPATFULL on STN
AN 2003:291020 USPATFULL
TI Medical products with sustained pharmacological activity and process for
producing them
IN Schierholz, Jorg, Neuer Trassweg 11, Bergisch Gladbach, GERMANY, FEDERAL
REPUBLIC OF 51427
PI US 6641831 B1 20031104
WO 2000007574 20000217
AI US 2001-762318 20010406 (9)
WO 1999-EP5685 19990805
PRAI DE 1998-19835546 19980806
EP 1998-1147812 19980806
US 1998-95562P 19980806 (60)
DT Utility
FS GRANTED
LN.CNT 899
INCL INCLM: 424/422.000
INCLS: 424/423.000; 424/424.000; 424/425.000; 424/484.000; 424/486.000;
424/487.000; 424/488.000; 514/772.100
NCL NCLM: 424/422.000
NCLS: 424/423.000; 424/424.000; 424/425.000; 424/484.000; 424/486.000;
424/487.000; 424/488.000; 514/772.100
IC [7]
ICM: A61F013-00
EXF 424/422; 424/423; 424/424; 424/425; 424/484; 424/486; 424/487; 424/488;
514/772.1

=> d his

(FILE 'HOME' ENTERED AT 10:18:11 ON 06 NOV 2003)

FILE 'REGISTRY' ENTERED AT 10:27:29 ON 06 NOV 2003

L1 1 S BIGUANIDE/CN
L2 1 S CHLORHEXIDINE/CN

FILE 'REGISTRY' ENTERED AT 10:31:38 ON 06 NOV 2003

L3 1 S TRICLOSAN/CN

FILE 'USPATFULL' ENTERED AT 10:34:57 ON 06 NOV 2003

L4 0 S OCTOXYGLYCERIN AND QUARTERNARY AMONIUM
L5 0 S OCTOXYGLYCERIN AND QUARTERNAY AMMONIUM
L6 0 S OCTOXYGLYCERIN AND QUARTERNARY AMMONIUM
L7 87 S CHLORHEXIDINE AND QUARTERNARY AMMONIUM
L8 0 S L7 AND QUARTERNARY AMMOUNIUM
L9 87 S L7 AND QUARTERNARY AMMONIUM
L10 0 S L9 AND OCTOXYGLYCERIN
L11 54 S L9 AND ANTIMICROB?
L12 0 S OCTOXYGLYCERIN AND ANTIMICROB
L13 25 S OCTOXYGLYCERIN AND ANTIMICROB?

=> s l13 and pd<2000
2608081 PD<2000
(PD<200000000)

L14 1 L13 AND PD<2000

=> d l14 bib, kwic

L14 ANSWER 1 OF 1 USPATFULL on STN
 AN 1999:150634 USPATFULL
 TI Antiperspirant formulation for porous applicator
 IN Schamper, Thomas, Cranbury, NJ, United States
 Moghe, Bhalchandra, White House Station, NJ, United States
 Barr, Morton L., East Brunswick, NJ, United States
 Wu, Ching-Min Kimmy, Kendall Park, NJ, United States
 PA Colgate-Palmolive Company, New York, NY, United States (U.S.
 corporation)
 PI US 5989531 19991123 <--
 AI US 1998-191897 19981113 (9)
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Dodson, Shelley A.; Assistant Examiner: Lamm, Marina
 LREP Miano, Rosemary M.
 CLMN Number of Claims: 18
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1083
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 PI US 5989531 19991123 <--
 SUMM (c) effective amounts of **antimicrobial** agents, for example,
 0.01-1.0 percent by weight based on the total weight of the composition;
 examples include bacteriostatic quaternary ammonium compounds (such as
 cetyl trimethyl-ammonium bromide, and cetyl pyridinium chloride), 2, 4,
 4'-trichloro-2'-hydroxydiphenylether (Triclosan), N-(4-chlorophenyl)-N'-
 (3,4-dichlorophenyl)urea (Triclocarban), silver halides,
octoxyglycerin (SENSIVA.TM. SC 50) and various zinc salts (for
 example, zinc ricinoleate). Triclosan or Triclocarban can,
 illustratively, be included in an. . .
 SUMM (b) from 0.1-5% of fragrance, color, preservatives,
antimicrobial agents.
 SUMM . . . to reduce malodor by reducing perspiration; the antiperspirant
 active materials can also have a deodorant function, for example, as an
antimicrobial or bacteriostatic agent. The deodorant active
 materials do not substantially reduce perspiration, but reduce malodor
 in other ways. For example, as fragrances masking the malodor or
 reducing the malodor intensity; absorbents; **antimicrobial**
 (bacteriostatic) agents; or agents chemically reacting with malodorous
 materials.
 CLM What is claimed is:
 . . . the cosmetically active ingredient is a deodorant active selected
 from the group consisting of deodorizing amounts of: (a) fragrances; (b)
antimicrobial agents; and (c) antiperspirant agents.

=> d his

(FILE 'HOME' ENTERED AT 10:18:11 ON 06 NOV 2003)

FILE 'REGISTRY' ENTERED AT 10:27:29 ON 06 NOV 2003

L1 1 S BIGUANIDE/CN
 L2 1 S CHLORHEXIDINE/CN

FILE 'REGISTRY' ENTERED AT 10:31:38 ON 06 NOV 2003

L3 1 S TRICLOSAN/CN

FILE 'USPATFULL' ENTERED AT 10:34:57 ON 06 NOV 2003

L4 0 S OCTOXYGLYCERIN AND QUARTERNARY AMONIUM
 L5 0 S OCTOXYGLYCERIN AND QUARTERNAY AMMONIUM

L6 0 S OCTOXYGLYCERIN AND QUARTERNARY AMMONIUM
 L7 87 S CHLORHEXIDINE AND QUARTERNARY AMMONIUM
 L8 0 S L7 AND QUARTERNARY AMMONIUM
 L9 87 S L7 AND QUARTERNARY AMMONIUM
 L10 0 S L9 AND OCTOXYGLYCERIN
 L11 54 S L9 AND ANTIMICROB?
 L12 0 S OCTOXYGLYCERIN AND ANTIMICROB
 L13 25 S OCTOXYGLYCERIN AND ANTIMICROB?
 L14 1 S L13 AND PD<2000

=> s l11 and pd<2000

2608081 PD<2000

(PD<200000000)

L15 44 L11 AND PD<2000

=> d l15 1-44

L15 ANSWER 1 OF 44 USPATFULL on STN

AN 2002:88448 USPATFULL

TI Quaternary ammonium compounds, compositions containing them, and uses thereof

IN Friedli, Floyd E., Dublin, OH, United States

Kohle, Hans-Jurgen, Schluchtern, GERMANY, FEDERAL REPUBLIC OF

PA Goldschmidt Rewo GmbH & Co. KG, Steinau a.d. Strasse', GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

PI US 6376455 B1 20020423

WO 9935223 19990715

<--

AI US 2000-600007 20001122 (9)

WO 1999-US295 19990107

20001122 PCT 371 date

PRAI US 1998-71054P 19980119 (60)

DT Utility

FS GRANTED

LN.CNT 2317

INCL INCLM: 510/515.000

INCLS: 510/123.000; 510/124.000; 510/125.000; 510/126.000; 510/127.000;
 510/130.000; 510/137.000; 510/138.000; 510/158.000; 510/159.000;
 510/322.000; 510/327.000; 510/328.000; 510/329.000; 510/504.000;
 252/008.630; 562/606.000

NCL NCLM: 510/515.000

NCLS: 252/008.630; 510/123.000; 510/124.000; 510/125.000; 510/126.000;
 510/127.000; 510/130.000; 510/137.000; 510/138.000; 510/158.000;
 510/159.000; 510/322.000; 510/327.000; 510/328.000; 510/329.000;
 510/504.000; 562/606.000

IC [7]

ICM: C11D001-62

ICS: C11D001-65; C11D003-26

EXF 562/606; 252/8.63; 510/123; 510/124; 510/125; 510/126; 510/127; 510/130;

510/137; 510/138; 510/158; 510/159; 510/322; 510/327; 510/328; 510/329;

510/504; 510/515

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 2 OF 44 USPATFULL on STN

AN 1999:39918 USPATFULL

TI Optionally crosslinkable coatings, compositions and methods of use

IN Mitra, Sumita B., West St. Paul, MN, United States

Shelburne, Charles E., Brooklyn Park, MN, United States

Rozzi, Sharon M., West Lakeland Township County of Washington, MN,
 United States

Kedrowski, Brant L., Minneapolis, MN, United States

PA Minnesota Mining and Manufacturing Company, St. Paul, MN, United States
 (U.S. corporation)

PI US 5888491 19990330 <--
AI US 1994-347861 19941201 (8)
RLI Continuation-in-part of Ser. No. US 1993-163028, filed on 6 Dec 1993
DT Utility
FS Granted
LN.CNT 2381
INCL INCLM: 424/078.310
INCLS: 424/049.000; 523/109.000
NCL NCLM: 424/078.310
NCLS: 424/049.000; 523/109.000
IC [6]
ICM: A61K031-74
EXF 424/78.31; 424/49; 523/109
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 3 OF 44 USPATFULL on STN

AN 1999:26680 USPATFULL
TI Optionally crosslinkable coatings for orthodontic devices
IN Mitra, Sumita B., West St. Paul, MN, United States
Rozzi, Sharon M., West Lakeland Township, MN, United States
Kedrowski, Brant L., Minneapolis, MN, United States
PA Minnesota Mining and Manufacturing Company, St. Paul, MN, United States
(U.S. corporation)
PI US 5876208 19990302 <--
AI US 1997-826412 19970327 (8)
RLI Continuation of Ser. No. US 1995-467421, filed on 6 Jun 1995, now
abandoned which is a division of Ser. No. US 1994-347861, filed on 1 Dec
1994, now abandoned which is a continuation-in-part of Ser. No. US
1993-163028, filed on 6 Dec 1993
DT Utility
FS Granted
LN.CNT 2308
INCL INCLM: 433/217.100
INCLS: 433/009.000
NCL NCLM: 433/217.100
NCLS: 433/009.000
IC [6]
ICM: A61C005-00
EXF 433/217.1; 433/9; 424/49

L15 ANSWER 4 OF 44 USPATFULL on STN

AN 1999:15983 USPATFULL
TI Optionally crosslinkable coatings compositions and methods of use
IN Mitra, Sumita B., West St. Paul, MN, United States
Shelburne, Charles E., Brooklyn Park, MN, United States
Rozzi, Sharon M., West Lakeland Township, MN, United States
Kedrowski, Brant L., Minneapolis, MN, United States
PA Minnesota Mining and Manufacturing Company, St. Paul, MN, United States
(U.S. corporation)
PI US 5866630 19990202 <--
AI US 1995-472000 19950606 (8)
RLI Division of Ser. No. US 1994-347861, filed on 1 Dec 1994 which is a
continuation-in-part of Ser. No. US 1993-163028, filed on 6 Dec 1993,
now abandoned
DT Utility
FS Granted
LN.CNT 2261
INCL INCLM: 523/118.000
INCLS: 523/115.000; 524/547.000; 526/279.000; 528/033.000; 528/034.000;
424/049.000; 424/078.310
NCL NCLM: 523/118.000
NCLS: 424/049.000; 424/078.310; 523/115.000; 524/547.000; 526/279.000;

528/033.000; 528/034.000

IC [6]
ICM: A61K006-00
ICS: C08F030-08
EXF 524/547; 523/115; 523/118; 526/279; 424/49; 424/78.31; 528/33; 528/34
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 5 OF 44 USPATFULL on STN
AN 1998:111460 USPATFULL
TI Binder treated fibrous webs and products
IN Hansen, Michael R., Seattle, WA, United States
PA Weyerhaeuser Company, Federal Way, WA, United States (U.S. corporation)
PI US 5807364 19980915 <--
AI US 1995-416375 19950404 (8)
RLI Continuation-in-part of Ser. No. US 1992-931059, filed on 17 Aug 1992, now patented, Pat. No. US 5543215 And Ser. No. US 1992-791277, filed on 17 Aug 1992, now patented, Pat. No. US 5538783 And Ser. No. US 1992-931279, filed on 17 Aug 1992, now patented, Pat. No. US 5589256 And Ser. No. US 1993-107469, filed on 17 Aug 1993, now patented, Pat. No. US 5672418 And Ser. No. US 1993-108219, filed on 17 Aug 1993, now patented, Pat. No. US 5607759 And Ser. No. US 1993-107467, filed on 17 Aug 1993, now patented, Pat. No. US 5693411 And Ser. No. US 1993-108217, filed on 17 Aug 1993, now patented, Pat. No. US 5547745 And Ser. No. US 1993-108218, filed on 17 Aug 1993, now patented, Pat. No. US 5641561 And Ser. No. US 1994-197483, filed on 16 Feb 1994, now patented, Pat. No. US 5547541 And Ser. No. US 1994-193301, filed on 7 Feb 1994, now patented, Pat. No. US 5609727 And Ser. No. US 1994-261811, filed on 17 Jun 1994, now patented, Pat. No. US 5571618 And Ser. No. US 1993-153819, filed on 15 Nov 1993, now patented, Pat. No. US 5447977
DT Utility
FS Granted
LN.CNT 1466
INCL INCLM: 604/367.000
INCLS: 442/153.000; 442/164.000; 442/170.000; 604/368.000
NCL NCLM: 604/367.000
NCLS: 442/153.000; 442/164.000; 442/170.000; 604/368.000
IC [6]
ICM: A61F013-15
EXF 428/236-237; 428/248; 428/283; 604/358; 604/365-367; 604/368; 604/372; 604/375; 442/153; 442/164; 442/170; 008/120; 008/585; 008/587
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 6 OF 44 USPATFULL on STN
AN 97:78161 USPATFULL
TI Fluorocarbon containing coatings, compositions and methods of use
IN Rozzi, Sharon M., West Lakeland Township, Washington County, MN, United States
Mitra, Sumita B., West St. Paul, MN, United States
Kedrowski, Brant Lawrence, Minneapolis, MN, United States
Shelburne, Charles E., Brooklyn Park, MN, United States
PA Minnesota Mining and Manufacturing Company, St. Paul, MN, United States (U.S. corporation)
PI US 5662887 19970902 <--
AI US 1994-347717 19941201 (8)
DT Utility
FS Granted
LN.CNT 1052
INCL INCLM: 424/049.000
NCL NCLM: 424/049.000
IC [6]
ICM: A61K007-16
EXF 424/49

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 7 OF 44 USPATFULL on STN

AN 97:42866 USPATFULL

TI Pharmaceutical compositions containing hyaluronic acid fractions

IN della Valle, Francesco, Padova, Italy

Romeo, Aurelio, Rome, Italy

Lorenzi, Silvana, Padova, Italy

PA Fidia S.p.A., Via Ponte della Fabbrica, Italy (non-U.S. corporation)

PI US 5631241 19970520 <--

AI US 1995-426905 19950421 (8)

RLI Continuation of Ser. No. US 1992-931949, filed on 19 Aug 1992, now patented, Pat. No. US 5442053 which is a continuation of Ser. No. US 1989-452681, filed on 19 Dec 1989, now patented, Pat. No. US 5166331 which is a continuation of Ser. No. US 1985-756824, filed on 19 Jul 1985, now abandoned which is a continuation-in-part of Ser. No. US 1985-719113, filed on 2 Apr 1985, now abandoned And a continuation-in-part of Ser. No. US 1984-669431, filed on 8 Nov 1984, now abandoned

PRAI IT 1983-49143 19831010

IT 1984-48979 19841009

IT 1985-47924 19850402

DT Utility

FS Granted

LN.CNT 2673

INCL INCLM: 514/054.000

INCLS: 514/062.000; 536/053.000; 536/055.100; 536/055.200

NCL NCLM: 514/054.000

NCLS: 514/062.000; 536/053.000; 536/055.100; 536/055.200

IC [6]

ICM: A61K031-715

EXF 514/54; 514/62; 536/53; 536/55.1; 536/55.2

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 8 OF 44 USPATFULL on STN

AN 97:26928 USPATFULL

TI Stable thickened disinfecting aqueous composition containing an organic peroxy acid intended for human or animal use

IN Nicolle, Remy, Meudon, France

Le Rouzic, Daniel, Ermont, France

Crisinel, Pascal, Versailles, France

DeClerck, Gerard, Saint Gratien, France

Ledon, Henry, Versailles, France

PA Chemoxal S.A., Paris Cedex, France (non-U.S. corporation)

PI US 5616335 19970401 <--

WO 9424863 19941110 <--

AI US 1995-351254 19950110 (8)

WO 1994-FR517 19940504

19950110 PCT 371 date

19950110 PCT 102(e) date

PRAI FR 1993-5376 19930505

DT Utility

FS Granted

LN.CNT 747

INCL INCLM: 424/405.000

INCLS: 514/557.000; 514/772.400

NCL NCLM: 424/405.000

NCLS: 514/557.000; 514/772.400

IC [6]

ICM: A01N025-02

ICS: A61K047-32; A61K031-19

EXF 424/405; 424/78.31; 424/78.35; 424/78.37; 514/772.4; 514/557

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 9 OF 44 USPATFULL on STN

AN 97:17890 USPATFULL

TI Hydrocarbyl containing coatings, compositions and methods of use

IN Rozzi, Sharon M., West Lakeland Township, MN, United States

Mitra, Sumita B., West St. Paul, MN, United States

Kedrowski, Brant L., Minneapolis, MN, United States

Shelburne, Charles E., Brooklyn Park, MN, United States

PA Minnesota Mining and Manufacturing Company, St. Paul, MN, United States
(U.S. corporation)

PI US 5607663 19970304 <--

AI US 1994-348048 19941201 (8)

DT Utility

FS Granted

LN.CNT 1135

INCL INCLM: 424/049.000

NCL NCLM: 424/049.000

IC [6]

ICM: A61K007-16

EXF 424/49

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 10 OF 44 USPATFULL on STN

AN 96:108689 USPATFULL

TI Mucosal adhesive device for long-acting delivery of pharmaceutical combinations in oral cavity

IN Chien, Yie W., North Brunswick, NJ, United States

Nair, Mona, Highland Park, NJ, United States

PA Rutgers, The State University of New Jersey, New Brunswick, NJ, United States (U.S. corporation)

PI US 5578315 19961126 <--

AI US 1993-160474 19931201 (8)

DT Utility

FS Granted

LN.CNT 592

INCL INCLM: 424/435.000

INCLS: 424/434.000; 424/464.000; 424/465.000

NCL NCLM: 424/435.000

NCLS: 424/434.000; 424/464.000; 424/465.000

IC [6]

ICM: A61K009-20

EXF 424/434; 424/435; 424/464; 424/465

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 11 OF 44 USPATFULL on STN

AN 95:73734 USPATFULL

TI Salts and mixtures of hyaluronic acid with pharmaceutically active substances, pharmaceutical compositions containing the same and methods for administration of such compositions

IN della Valle, Francesco, Padova, Italy

Romeo, Aurelio, Rome, Italy

Lorenzi, Silvana, Padova, Italy

PA Fidia, S.p.A., Abano Terme, Italy (non-U.S. corporation)

PI US 5442053 19950815 <--

AI US 1992-931949 19920819 (7)

RLI Continuation of Ser. No. US 1989-452681, filed on 19 Dec 1989, now patented, Pat. No. US 5166331 which is a continuation of Ser. No. US 1985-756824, filed on 19 Jul 1985, now abandoned which is a continuation-in-part of Ser. No. US 1985-719113, filed on 2 Apr 1985, now abandoned And Ser. No. US 1984-669431, filed on 8 Nov 1984, now abandoned And a continuation-in-part of Ser. No. US 1982-425462, filed

on 28 Sep 1982, now patented, Pat. No. US 4593091
PRAI IT 1983-4914383 19831010
IT 1984-4897984 19841009
IT 1985-4792485 19850402
DT Utility
FS Granted
LN.CNT 2873
INCL INCLM: 536/055.100
INCLS: 514/054.000; 514/420.000; 514/576.000; 514/777.000; 514/912.000;
424/078.050
NCL NCLM: 536/055.100
NCLS: 424/078.050
IC [6]
ICM: C07H005-04
EXF 536/55.1; 514/54; 514/777; 514/420; 514/576; 514/912; 424/78.05
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 12 OF 44 USPATFULL on STN
AN 95:71137 USPATFULL
TI Parachlorometaxylenol **antimicrobial** formulation
IN Khan, Mohammad A., Sandy, UT, United States
Hoang, Minh Q., Taylorsville, UT, United States
PA Becton Dickinson and Company, Franklin Lakes, NJ, United States (U.S.
corporation)
PI US 5439681 19950808 <--
AI US 1993-72658 19930607 (8)
RLI Continuation of Ser. No. US 1991-675362, filed on 25 Mar 1991
DT Utility
FS Granted
LN.CNT 590
INCL INCLM: 424/400.000
INCLS: 424/405.000
NCL NCLM: 424/400.000
NCLS: 424/405.000
IC [6]
ICM: A01N025-02
ICS: A01N025-30; A61K009-08
EXF 424/400; 424/405
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 13 OF 44 USPATFULL on STN
AN 94:68855 USPATFULL
TI Total or partial esters of hyaluronic acid
IN della Valle, Francesco, Padova, Italy
Romeo, Aurelio, Rome, Italy
PA Fidria, S.p.A., Abano Terme, Italy (non-U.S. corporation)
PI US 5336767 19940809 <--
AI US 1992-998749 19921230 (7)
RLI Division of Ser. No. US 1991-794703, filed on 20 Nov 1991, now patented,
Pat. No. US 5202431 which is a division of Ser. No. US 1991-663324,
filed on 1 Mar 1991, now abandoned which is a division of Ser. No. US
1990-562267, filed on 3 Aug 1990, now abandoned which is a division of
Ser. No. US 1989-339919, filed on 19 Apr 1989, now patented, Pat. No. US
4965353 which is a division of Ser. No. US 1986-881454, filed on 2 Jul
1986, now patented, Pat. No. US 4851521
PRAI IT 1985-48322 19850708
IT 1986-48202 19860630
DT Utility
FS Granted
LN.CNT 2883
INCL INCLM: 536/055.100
INCLS: 424/443.000

NCL NCLM: 536/055.100
NCLS: 424/443.000
IC [5]
ICM: C07H005-04
EXF 535/55.1; 514/54; 514/969; 424/424; 424/443; 424/489; 424/490
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 14 OF 44 USPATFULL on STN
AN 94:59952 USPATFULL
TI Method for rendering a substrate surface antithrombogenic and/or
anti-infective
IN Onwumere, Fidelis C., Miamisburg, OH, United States
Solomon, Donald D., Spring Valley, OH, United States
Wells, Stanley C., Dayton, OH, United States
PA Becton, Dickinson and Company, Franklin Lakes, NJ, United States (U.S.
corporation)
PI US 5328698 19940712 <--
AI US 1990-563653 19900806 (7)
DT Utility
FS Granted
LN.CNT 386
INCL INCLM: 424/486.000
INCLS: 424/426.000; 424/473.000
NCL NCLM: 424/486.000
NCLS: 424/426.000; 424/473.000
IC [5]
ICM: A61K047-30
EXF 424/423; 424/420; 424/473; 424/424; 424/486; 424/425; 424/426; 424/78;
424/83; 523/112; 604/266; 604/264; 604/265; 427/2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 15 OF 44 USPATFULL on STN
AN 93:29308 USPATFULL
TI Partial esters of hyaluronic acid
IN della Valle, Francesco, Padova, Italy
Romeo, Aurelio, Rome, Italy
PA Fidia, S.p.A., Abano Terme, Italy (non-U.S. corporation)
PI US 5202431 19930413 <--
AI US 1991-794703 19911120 (7)
RLI Continuation of Ser. No. US 1991-663324, filed on 1 Mar 1991, now
abandoned which is a division of Ser. No. US 1990-562267, filed on 3 Aug
1990, now abandoned which is a division of Ser. No. US 1989-339919,
filed on 19 Apr 1989, now patented, Pat. No. US 4965353 which is a
division of Ser. No. US 1986-881454, filed on 2 Jul 1986, now patented,
Pat. No. US 4851521
PRAI IT 1985-48322 19850708
IT 1986-48202 19860630
DT Utility
FS Granted
LN.CNT 2841
INCL INCLM: 536/055.100
INCLS: 424/489.000; 424/423.000; 514/054.000; 514/844.000
NCL NCLM: 536/055.100
NCLS: 424/423.000; 424/489.000
IC [5]
ICM: A61K031-70
ICS: C07G003-00; C07H001-00
EXF 536/55.1; 514/54; 514/844; 264/203; 264/204; 424/489; 424/423
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 16 OF 44 USPATFULL on STN
AN 92:92937 USPATFULL

TI Hyaluronics acid fractions, methods for the preparation thereof, and pharmaceutical compositions containing same
 IN della Valle, Francesco, Padova, Italy
 Romeo, Aurelio, Rome, Italy
 Lorenzi, Silvana, Padova, Italy
 PA Fidia, S.p.A., Abano Terme, Italy (non-U.S. corporation)
 PI US 5166331 19921124 <--
 AI US 1989-452681 19891219 (7)
 RLI Continuation of Ser. No. US 1985-756824, filed on 19 Jul 1985, now abandoned which is a continuation-in-part of Ser. No. US 1985-719113, filed on 2 Apr 1985, now abandoned And a continuation-in-part of Ser. No. US 1984-669431, filed on 8 Nov 1984, now abandoned
 PRAI IT 1983-49143 19831010
 IT 1984-48979 19841009
 IT 1985-47924 19850405
 DT Utility
 FS Granted
 LN.CNT 2569
 INCL INCLM: 536/055.100
 INCLS: 514/054.000; 514/420.000; 514/576.000; 514/777.000; 514/912.000; 424/078.050
 NCL NCLM: 536/055.100
 NCLS: 424/078.050; 514/054.000; 514/420.000; 514/576.000; 514/777.000; 514/912.000
 IC [5]
 ICM: C07H005-04
 ICS: C07H005-06; A01N043-04; A61K037-715
 EXF 536/55.1; 514/54; 514/912; 514/777; 514/420; 514/576; 424/78; 424/78.05
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 17 OF 44 USPATFULL on STN
 AN 92:92531 USPATFULL
 TI **Antimicrobial** ophthalmic solutions containing dodecyl-dimethyl-(2 phenoxyethyl)-ammonium bromide and methods of using the same
 IN Heyl, Barbara L., Atlanta, GA, United States
 Winterton, Lynn C., Rosewell, GA, United States
 Tsao, Fu-Pao, Lawrenceville, GA, United States
 PA Ciba-Geigy Corporation, Ardsley, NY, United States (U.S. corporation)
 PI US 5165918 19921124 <--
 AI US 1990-461366 19900105 (7)
 RLI Continuation of Ser. No. US 1988-212486, filed on 28 Jun 1988, now abandoned
 DT Utility
 FS Granted
 LN.CNT 422
 INCL INCLM: 424/078.040
 INCLS: 252/106.000; 422/037.000; 514/643.000; 514/839.000; 514/912.000; 514/915.000
 NCL NCLM: 424/078.040
 NCLS: 422/037.000; 510/112.000; 510/384.000; 510/504.000; 514/643.000; 514/839.000; 514/912.000; 514/915.000
 IC [5]
 ICM: A61K031-79
 EXF 514/643; 514/839; 514/912; 514/915; 252/106; 424/78; 424/78.04; 422/37
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 18 OF 44 USPATFULL on STN
 AN 92:84675 USPATFULL
 TI Dentifrices containing aminoalkyl silicones and sarcosinate surfactants
 IN Weber, Thomas R., Fairlawn, NJ, United States
 Krysiak, Nancy H., Ridgfield, CT, United States

Viccaro, John P., Whitestone, NY, United States
Lin, Samuel, Paramus, NJ, United States
Domke, Todd, Clifton, NY, United States
PA Chesebrough-Pond's USA Co., Division of Conopco, Inc., Greenwich, CT,
United States (U.S. corporation)
PI US 5154915 19921013 <--
AI US 1990-513055 19900423 (7)
RLI Continuation of Ser. No. US 1989-426477, filed on 23 Oct 1989, now
abandoned which is a continuation of Ser. No. US 1988-276973, filed on
28 Nov 1988, now abandoned
DT Utility
FS Granted
LN.CNT 1115
INCL INCLM: 424/054.000
INCLS: 424/049.000; 424/052.000
NCL NCLM: 424/054.000
NCLS: 424/049.000; 424/052.000
IC [5]
ICM: A61K007-16
ICS: A61K007-18; A61K007-22
EXF 424/49-58
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 19 OF 44 USPATFULL on STN
AN 92:74410 USPATFULL
TI Nonoxidative ophthalmic compositions and methods for preserving and
using same
IN Dziabo, Anthony J., El Toro, CA, United States
Wong, Michelle P., Tustin, CA, United States
Gyulai, Peter, Santa Ana, CA, United States
PA Allergan, Inc., Irvine, CA, United States (U.S. corporation)
PI US 5145643 19920908 <--
AI US 1990-461181 19900105 (7)
DT Utility
FS Granted
LN.CNT 636
INCL INCLM: 422/028.000
INCLS: 422/037.000; 424/078.070; 424/094.400; 514/642.000; 514/840.000
NCL NCLM: 422/028.000
NCLS: 422/037.000; 424/078.070; 424/094.400; 514/642.000; 514/840.000
IC [5]
ICM: A61K037-50
ICS: A61K031-14; A61L002-00; A01N033-12
EXF 422/28; 422/32; 422/37; 514/642-643; 514/840; 424/70; 424/78; 424/78.07;
424/94.4
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 20 OF 44 USPATFULL on STN
AN 92:72471 USPATFULL
TI Pharmaceutical preparations
IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of
PA Medice Chem.-Pharm. Fabrik Putter GmbH & Co. KG, Iserlohn, Germany,
Federal Republic of (non-U.S. corporation)
PI US 5143917 19920901 <--
AI US 1990-529094 19900524 (7)
RLI Division of Ser. No. US 1987-82899, filed on 6 Aug 1987, now patented,
Pat. No. US 4965357
DT Utility
FS Granted
LN.CNT 2641
INCL INCLM: 514/256.000
INCLS: 514/269.000; 514/274.000; 544/298.000; 544/309.000; 544/313.000;

544/315.000; 544/317.000
NCL NCLM: 514/256.000
NCLS: 514/269.000; 514/274.000; 544/298.000; 544/309.000; 544/313.000;
544/315.000; 544/317.000

IC [5]
ICM: A61K031-505
ICS: C07D239-26; C07D239-30; C07D239-34

EXF 514/256; 514/269; 514/274
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 21 OF 44 USPATFULL on STN

AN 92:61750 USPATFULL

TI Pharmaceutical preparations

IN Paradies, Henrich, Iserlohn, Germany, Federal Republic of

PA Medice Chem.-Pharm. Fabrik Putter GmbH & Co. KG, Germany, Federal
Republic of (non-U.S. corporation)

PI US 5133973 19920728 <--

AI US 1990-528299 19900524 (7)

RLI Division of Ser. No. US 1987-82899, filed on 6 Aug 1987, now patented,
Pat. No. US 4965357

DT Utility

FS Granted

LN.CNT 2677

INCL INCLM: 424/450.000

INCLS: 514/970.000; 544/309.000; 544/312.000; 544/313.000; 544/315.000;
544/317.000

NCL NCLM: 424/450.000

NCLS: 514/970.000; 544/309.000; 544/312.000; 544/313.000; 544/315.000;
544/317.000

IC [5]
ICM: A61K037-22

EXF 252/302; 252/304; 252/308; 252/318; 252/357; 252/351; 514/970; 424/450

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 22 OF 44 USPATFULL on STN

AN 92:60873 USPATFULL

TI Antiviral glove

IN Modak, Shanta M., Riveredge, NJ, United States

Sampath, Lester, Nyack, NY, United States

PA The Trustees of Columbia University in the City of New York, Morningside
Heights, NY, United States (U.S. corporation)

PI US 5133090 19920728 <--

AI US 1990-555093 19900718 (7)

RLI Continuation-in-part of Ser. No. US 1988-258189, filed on 14 Oct 1988,
now patented, Pat. No. US 5019096 which is a continuation-in-part of
Ser. No. US 1988-154920, filed on 11 Feb 1988, now abandoned

DT Utility

FS Granted

LN.CNT 591

INCL INCLM: 002/168.000

INCLS: 002/167.000; 604/292.000

NCL NCLM: 002/168.000

NCLS: 002/167.000; 604/292.000

IC [5]
ICM: A41D013-10

EXF 002/161R; 002/169; 002/167; 002/168; 002/159; 002/163; 002/243A; 002/21;
128/918; 128/917; 604/292; 523/122

L15 ANSWER 23 OF 44 USPATFULL on STN

AN 92:58980 USPATFULL

TI Method for obtaining blood using iontophoresis

IN Haynes, John L., Chapel Hill, NC, United States

PA Becton Dickinson and Company, Franklin Lakes, NJ, United States (U.S. corporation)
PI US 5131403 19920721 <--
AI US 1991-710420 19910605 (7)
DT Utility
FS Granted
LN.CNT 267
INCL INCLM: 128/760.000
INCLS: 604/020.000
NCL NCLM: 600/573.000
NCLS: 604/020.000
IC [5]
ICM: A61B005-00
EXF 128/760; 128/762; 128/763; 128/765; 128/768; 128/770; 604/20; 604/21; 604/51

L15 ANSWER 24 OF 44 USPATFULL on STN
AN 92:44949 USPATFULL
TI Pharmaceutical preparations
IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of
PA Medice Chem.-Pharm. Fabrik Putter GmbH & Co. KG, Iserlohn, Germany, Federal Republic of (non-U.S. corporation)
PI US 5118808 19920602 <--
AI US 1990-528307 19900524 (7)
RLI Division of Ser. No. US 1987-82899, filed on 6 Aug 1987, now patented, Pat. No. US 4965357
DT Utility
FS Granted
LN.CNT 2758
INCL INCLM: 544/309.000
INCLS: 544/242.000; 544/312.000; 544/313.000; 544/315.000; 544/317.000
NCL NCLM: 544/309.000
NCLS: 544/242.000; 544/312.000; 544/313.000; 544/315.000; 544/317.000
IC [5]
ICM: C07D259-02
EXF 544/312; 544/313; 544/315; 544/317; 544/242; 544/309
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 25 OF 44 USPATFULL on STN
AN 92:38399 USPATFULL
TI Imidazole derivatives and use as anti-bacteria, anti-fungal and anti-viral agents
IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of
PA Medice chem.-pharm. Fabrik Putter GmbH & Co. KG, Iserlohn, Germany, Federal Republic of (non-U.S. corporation)
PI US 5112844 19920512 <--
AI US 1991-681445 19910403 (7)
RLI Continuation of Ser. No. US 1990-593550, filed on 2 Oct 1990, now abandoned which is a continuation of Ser. No. US 1989-434543, filed on 30 Oct 1989, now abandoned which is a continuation of Ser. No. US 1989-321499, filed on 9 Mar 1989, now abandoned which is a division of Ser. No. US 1987-82891, filed on 6 Aug 1987, now patented, Pat. No. US 4877883
PRAI DE 1986-3626700 19860807
DT Utility
FS Granted
LN.CNT 2698
INCL INCLM: 514/398.000
INCLS: 514/396.000; 548/335.000; 548/337.000
NCL NCLM: 514/398.000
NCLS: 514/396.000; 548/316.400; 548/335.100
IC [5]

ICM: A61K031-415
ICS: C07D233-54
EXF 514/398; 514/396; 548/335; 548/337
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 26 OF 44 USPATFULL on STN
AN 92:36314 USPATFULL
TI Process for the preparation of N-alkylated quaternary nitrogen
containing aromatic heterocycles
IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of
PA Medice Cham.-Pharm. Fabrik Putter GmbH & Co. KG, Iserlohn, Germany,
Federal Republic of (non-U.S. corporation)
PI US 5110929 19920505 <--
AI US 1990-538350 19900614 (7)
RLI Division of Ser. No. US 1989-446015, filed on 4 Dec 1989 which is a
division of Ser. No. US 1987-82773, filed on 6 Aug 1987, now patented,
Pat. No. US 4894454
DT Utility
FS Granted
LN.CNT 2723
INCL INCLM: 544/406.000
INCLS: 544/408.000; 544/410.000
NCL NCLM: 544/406.000
NCLS: 544/408.000; 544/410.000
IC [5]
ICM: C07D241-02
EXF 544/406; 544/408; 544/410
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 27 OF 44 USPATFULL on STN
AN 91:84461 USPATFULL
TI Pharmaceutical preparations
IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of
PA Medice Hem.-Pharm. Fabrik Putter GmbH & Co. KG, Iserlohn, Germany,
Federal Republic of (non-U.S. corporation)
PI US 5057518 19911015 <--
AI US 1990-532486 19900524 (7)
RLI Division of Ser. No. US 1987-82899, filed on 6 Aug 1987, now patented,
Pat. No. US 4965357
DT Utility
FS Granted
LN.CNT 2671
INCL INCLM: 514/274.000
INCLS: 514/269.000; 514/936.000; 514/937.000; 514/970.000; 514/975.000;
544/242.000; 544/312.000; 544/313.000; 544/315.000; 544/317.000;
544/406.000; 546/265.000; 546/276.000; 546/294.000; 546/341.000;
546/347.000; 546/348.000; 548/178.000; 548/202.000; 548/325.000;
548/347.000; 548/356.000; 364/291.000; 364/294.000
NCL NCLM: 514/023.000
NCLS: 514/269.000; 514/274.000; 514/936.000; 514/937.000; 514/970.000;
514/975.000; 536/002.000; 536/003.000; 544/242.000; 544/312.000;
544/313.000; 544/315.000; 544/317.000; 544/406.000; 546/265.000;
546/270.700; 546/271.400; 546/274.700; 546/275.400; 546/294.000;
546/341.000; 546/347.000; 546/348.000; 548/178.000; 548/202.000;
548/304.400; 548/335.100; 548/347.100; 548/373.100
IC [5]
ICM: A61K031-505
ICS: C07D239-00; C07D239-02; C07D211-70
EXF 544/242; 544/312; 544/313; 544/315; 544/317; 514/269; 514/274; 514/936;
514/937; 514/970; 514/975
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 28 OF 44 USPATFULL on STN

AN 91:77779 USPATFULL

TI Pharmaceutical preparations

IN Paradies, Henrich H., Kuhlweg, Germany, Federal Republic of

PA Medice Chem.-Pharm. Fabrik Putter GmbH & Co. KG, Germany, Federal Republic of (non-U.S. corporation)

PI US 5051435 19910924 <--

AI US 1990-533998 19900604 (7)

RLI Continuation of Ser. No. US 1989-321495, filed on 9 Mar 1989, now abandoned

PRAI DE 1986-36267 19860807

DT Utility

FS Granted

LN.CNT 2649

INCL INCLM: 514/359.000

INCLS: 548/255.000

NCL NCLM: 514/359.000

NCLS: 548/255.000

IC [5]

ICM: C07D294-04

ICS: A61K031-41

EXF 548/255; 514/359

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 29 OF 44 USPATFULL on STN

AN 91:71291 USPATFULL

TI Pharmaceutical preparations

IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of

PA Medici Chem.-Pharm. Fabrik Putter GmbH, Germany, Federal Republic of (non-U.S. corporation)

PI US 5045530 19910903 <--

AI US 1989-344363 19890427 (7)

PRAI DE 1986-3626700 19860807

DT Utility

FS Granted

LN.CNT 4010

INCL INCLM: 514/009.000

INCLS: 514/090.000; 514/014.000; 514/015.000; 514/018.000

NCL NCLM: 514/009.000

NCLS: 514/010.000; 514/014.000; 514/015.000; 514/018.000

IC [5]

ICM: C07K007-28

ICS: C07K007-64; C07K007-66

EXF 536/3; 514/345; 514/356; 514/358; 514/9; 514/10; 514/14; 514/15; 514/18; 546/347

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 30 OF 44 USPATFULL on STN

AN 91:54797 USPATFULL

TI Disinfectant compositions

IN Bansemir, Klaus, Langenfeld, Germany, Federal Republic of

Disch, Karlheinz, Haan, Germany, Federal Republic of

Hachmann, Klaus, Hilden, Germany, Federal Republic of

PA Henkel Kommanditgesellschaft auf Aktien, Duesseldorf-Holthausen, Germany, Federal Republic of (non-U.S. corporation)

PI US 5030659 19910709 <--

AI US 1990-477159 19900208 (7)

RLI Continuation of Ser. No. US 1989-344411, filed on 25 Apr 1989, now abandoned which is a continuation of Ser. No. US 1986-936417, filed on 1 Dec 1986, now abandoned

PRAI DE 1985-3542516 19851202

DT Utility

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 33 OF 44 USPATFULL on STN

AN 90:81884 USPATFULL

TI 2,5,6-substituted N.sub.1 -alkylpyrimidines

IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of

PA Medice Chem.-Pharm. Fabrik Putter GmbH & Co. KG, Iserlohn, Germany,
Federal Republic of (non-U.S. corporation)

PI US 4965357 19901023 <--

AI US 1987-82899 19870806 (7)

PRAI DE 1986-3626700 19860807

DT Utility

FS Granted

LN.CNT 2639

INCL INCLM: 544/309.000

INCLS: 544/262.000; 544/296.000; 544/313.000; 544/315.000; 544/316.000;
544/317.000; 544/322.000; 544/334.000; 544/390.000; 546/321.000;
546/348.000; 548/152.000; 548/178.000; 548/202.000; 548/335.000;
548/373.000; 564/305.000

NCL NCLM: 544/309.000

NCLS: 544/262.000; 544/296.000; 544/313.000; 544/315.000; 544/316.000;
544/317.000; 544/322.000; 544/334.000; 544/390.000; 546/321.000;
546/348.000; 548/152.000; 548/178.000; 548/202.000; 548/304.400;
548/335.100; 548/370.700; 548/373.100; 564/305.000

IC [5]

ICM: C07D239-30

ICS: C07D239-47; C07D239-52

EXF 544/309; 544/313; 544/315; 544/317; 544/322; 544/310

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 34 OF 44 USPATFULL on STN

AN 90:81880 USPATFULL

TI Polysaccharide esters and their salts

IN della Valle, Francesco, Padova, Italy

Romeo, Aurelio, Rome, Italy

PA Fidia S.p.A., Abano Terme, Italy (non-U.S. corporation)

PI US 4965353 19901023 <--

AI US 1989-339919 19890419 (7)

RLI Division of Ser. No. US 1986-881454, filed on 2 Jul 1986, now patented,
Pat. No. US 4851521

PRAI IT 1985-4832285 19850708

IT 1986-4820286 19860630

DT Utility

FS Granted

LN.CNT 2948

INCL INCLM: 536/055.100

INCLS: 514/054.000; 514/969.000; 424/423.000; 424/443.000; 424/489.000;
424/490.000

NCL NCLM: 536/055.100

NCLS: 424/423.000; 424/443.000; 424/489.000; 424/490.000; 514/054.000;
514/969.000

IC [5]

ICM: A61K031-70

ICS: C07H001-00; C07G003-00

EXF 264/165; 264/203; 264/204; 536/55.1; 514/54; 514/969; 424/423; 424/443;
424/489; 424/490

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 35 OF 44 USPATFULL on STN

AN 90:4462 USPATFULL

TI Pharmaceutical preparations

IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of

PA Medice Chem.-Pharm. Fabrik, Putter GmbH & Co., KG, Germany, Federal
Republic of (non-U.S. corporation)
PI US 4894454 19900116 <--
AI US 1987-82773 19870806 (7)
PRAI DE 1986-3626700 19860807
DT Utility
FS Granted
LN.CNT 2698
INCL INCLM: 544/406.000
INCLS: 544/232.000; 544/408.000; 544/410.000
NCL NCLM: 544/406.000
NCLS: 544/232.000; 544/408.000; 544/410.000
IC [4]
ICM: C07D241-19
ICS: C07D241-24
EXF 544/232; 544/406; 544/407; 544/408; 544/410
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 36 OF 44 USPATFULL on STN
AN 89:94275 USPATFULL
TI Pharmaceutical preparations
IN Paradies, Heinrich H., Iserlohn, Germany, Federal Republic of
PA Medice Chem.-Pharm. Fabrik, Germany, Federal Republic of (non-U.S.
corporation)
PI US 4882435 19891121 <--
AI US 1989-321436 19890309 (7)
RLI Division of Ser. No. US 1987-82891, filed on 6 Aug 1987
DT Utility
FS Granted
LN.CNT 2630
INCL INCLM: 548/127.000
NCL NCLM: 548/127.000
IC [4]
ICM: C07D285-06
EXF 548/127
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 37 OF 44 USPATFULL on STN
AN 89:89305 USPATFULL
TI Substituted pyrazoles
IN Paradies, Heinrich H., Iserlohn, Germany, Federal Republic of
PA Medice chem.-pharm. Fabrik Putter GmbH & Co. KG, Germany, Federal
Republic of (non-U.S. corporation)
PI US 4877883 19891031 <--
AI US 1987-82891 19870806 (7)
PRAI DE 1986-3626700 19860807
DT Utility
FS Granted
LN.CNT 2654
INCL INCLM: 548/375.000
INCLS: 548/182.000; 548/183.000; 548/127.000; 548/202.000; 548/225.000;
548/226.000; 548/228.000; 548/235.000; 548/255.000; 548/335.000;
548/337.000; 548/358.000; 548/363.000; 548/365.000; 548/373.000;
548/376.000
NCL NCLM: 548/370.700
NCLS: 548/127.000; 548/182.000; 548/183.000; 548/202.000; 548/225.000;
548/226.000; 548/228.000; 548/235.000; 548/255.000; 548/373.100
IC [4]
ICM: C07D231-12
ICS: C07D231-14; C07D231-18
EXF 548/373; 548/375; 548/376; 548/358; 548/363; 548/365
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 38 OF 44 USPATFULL on STN
 AN 89:86001 USPATFULL
 TI Pharmaceutical preparations
 IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of
 PA Medice Chem.-Pharm. Fabrik Putter GmbH & Co., Germany, Federal Republic
 of (non-U.S. corporation)
 PI US 4874850 19891017 <--
 AI US 1987-83463 19870806 (7)
 PRAI DE 1986-3626700 19860807
 DT Utility
 FS Granted
 LN.CNT 3977
 INCL INCLM: 536/003.000
 INCLS: 546/347.000; 546/290.000; 546/321.000
 NCL NCLM: 536/003.000
 NCLS: 546/290.000; 546/321.000; 546/347.000; 548/178.000; 548/304.400;
 548/335.100; 548/370.700; 548/373.100
 IC [4]
 ICM: C07D213-55
 ICS: C07D213-68; C07D213-20; C08B037-04
 EXF 514/345; 514/356; 514/358; 546/347; 546/290; 546/321; 536/3
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 39 OF 44 USPATFULL on STN
 AN 89:80890 USPATFULL
 TI Imidazopyrionidines and their use in pharmaceutical preparations
 IN Paradies, Henrich H., Iserlohn, Germany, Federal Republic of
 PA Medice chem.-pharm. Fabrik, Germany, Federal Republic of (non-U.S.
 corporation)
 PI US 4870174 19890926 <--
 AI US 1987-83476 19870806 (7)
 PRAI DE 1986-3626700 19860807
 DT Utility
 FS Granted
 LN.CNT 2661
 INCL INCLM: 544/273.000
 INCLS: 544/112.000; 544/242.000; 544/265.000; 544/267.000; 544/309.000;
 544/311.000; 544/313.000; 544/334.000; 544/407.000; 546/255.000;
 546/267.000; 546/290.000; 546/347.000; 548/152.000; 548/178.000;
 548/202.000; 548/326.000; 548/335.000; 548/373.000; 548/375.000
 NCL NCLM: 544/273.000
 NCLS: 544/112.000; 544/242.000; 544/265.000; 544/267.000; 544/309.000;
 544/311.000; 544/313.000; 544/334.000; 544/407.000; 546/255.000;
 546/267.000; 546/290.000; 546/347.000; 548/152.000; 548/178.000;
 548/202.000; 548/304.400; 548/335.100; 548/370.700; 548/373.100
 IC [4]
 ICM: C07D473-04
 EXF 544/264; 544/265; 544/267; 544/273; 544/277
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 40 OF 44 USPATFULL on STN
 AN 89:60987 USPATFULL
 TI Esters of hyaluronic acid
 IN della Valle, Francesco, Padova, Italy
 Romeo, Aurelio, Rome, Italy
 PA Fidia, S.p.A., Abano Terme, Italy (non-U.S. corporation)
 PI US 4851521 19890725 <--
 AI US 1986-881454 19860702 (6)
 PRAI IT 1985-48322 19850708
 IT 1986-48202 19860630
 DT Utility

FS Granted
LN.CNT 3009
INCL INCLM: 536/055.100
 INCLS: 514/054.000; 514/844.000; 514/880.000; 424/423.000; 424/443.000;
 424/489.000
NCL NCLM: 536/055.100
 NCLS: 424/423.000; 424/443.000; 424/489.000; 514/054.000; 514/844.000;
 514/880.000
IC [4]
 ICM: A61K031-70
 ICS: C07G003-00; C07H001-00
EXF 536/55.1; 514/54; 424/423; 424/443; 424/489
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 41 OF 44 USPATFULL on STN
AN 87:48778 USPATFULL
TI Impregnated substrate incorporating an indicator dye
IN Fellows, Adrian N., Hedben Bridge, England
PA Fibre Treatments (Holding) Limited, Burnley, England (non-U.S.
 corporation)
PI US 4678704 19870707 <--
AI US 1986-889793 19860724 (6)
PRAI GB 1985-18736 19850724
DT Utility
FS Granted
LN.CNT 170
INCL INCLM: 428/289.000
 INCLS: 428/290.000
NCL NCLM: 442/121.000
 NCLS: 442/123.000
IC [4]
 ICM: B32B027-00
EXF 428/289; 428/290
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 42 OF 44 USPATFULL on STN
AN 86:66902 USPATFULL
TI Basic amino or ammonium **antimicrobial** agent-polyethylene
 glycol ester surfactant-betaine and/or amine oxide surfactant
 compositions and method of use thereof
IN Gorman, William G., East Greenbush, NY, United States
 Popp, Karl F., Schodack Landing, NY, United States
PA Sterling Drug Inc., New York, NY, United States (U.S. corporation)
PI US 32300 19861202 <--
 US 4420484 19831213 (Original)
AI US 1985-752332 19850703 (6)
 US 1981-320754 19811112 (Original)
RLI Continuation-in-part of Ser. No. US 1981-245089, filed on 18 Mar 1981,
 now abandoned which is a continuation-in-part of Ser. No. US
 1980-158737, filed on 12 Jun 1980, now abandoned which is a
 continuation-in-part of Ser. No. US 1979-65885, filed on 13 Aug 1979,
 now abandoned
DT Reissue
FS Granted
LN.CNT 816
INCL INCLM: 514/635.000
NCL NCLM: 514/635.000
IC [4]
 ICM: A61K031-155
EXF 514/635
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 43 OF 44 USPATFULL on STN
 AN 82:13729 USPATFULL
 TI Potentiated medicaments
 IN Sipos, Tibor, Lebanon, NJ, United States
 PA Johnson & Johnson, New Brunswick, NJ, United States (U.S. corporation)
 PI US 4321257 19820323 <--
 AI US 1979-79028 19790926 (6)
 RLI Division of Ser. No. US 1978-890881, filed on 27 Mar 1978, now patented,
 Pat. No. US 4197318, issued on 8 Apr 1980 which is a division of Ser.
 No. US 1976-748868, filed on 10 Dec 1976, now patented, Pat. No. US
 4091090, issued on 23 May 1978 which is a division of Ser. No. US
 1975-595986, filed on 14 Jul 1975, now patented, Pat. No. US 4006218,
 issued on 1 Feb 1977 which is a continuation of Ser. No. US 1974-486287,
 filed on 8 Jul 1974, now abandoned which is a continuation-in-part of
 Ser. No. US 1972-285682, filed on 1 Sep 1972, now abandoned
 DT Utility
 FS Granted
 LN.CNT 1030
 INCL INCLM: 424/080.000
 INCLS: 424/150.000; 424/177.000; 424/181.000; 424/227.000; 424/228.000;
 424/229.000; 424/233.000; 424/235.000; 424/244.000; 424/245.000;
 424/249.000; 424/263.000; 424/273.000R; 424/287.000; 424/322.000;
 424/324.000; 424/326.000; 424/329.000; 424/343.000; 424/346.000;
 424/347.000; 424/349.000
 NCL NCLM: 424/078.060
 NCLS: 424/078.250; 424/667.000; 424/672.000; 424/673.000; 514/010.000;
 514/011.000; 514/029.000; 514/031.000; 514/037.000; 514/039.000;
 514/041.000; 514/152.000; 514/157.000; 514/166.000; 514/244.000;
 514/274.000; 514/313.000; 514/345.000; 514/358.000; 514/399.000;
 514/450.000; 514/462.000; 514/628.000; 514/636.000; 514/643.000;
 514/646.000; 514/721.000; 514/728.000; 514/729.000; 514/731.000;
 514/734.000; 514/737.000
 IC [3]
 ICM: A61K031-79
 ICS: A61K031-05; A61K031-055
 EXF 424/346; 424/347; 424/235; 424/329; 424/349; 424/227; 424/181; 424/324;
 424/273; 424/322; 424/229; 424/228; 424/245; 424/326; 424/233; 424/244;
 424/287; 424/80; 424/150; 424/177; 424/263; 424/249; 424/228; 424/343
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 44 OF 44 USPATFULL on STN
 AN 77:69105 USPATFULL
 TI Binding of **antimicrobial** compounds to a hydroxyl containing
 substrate with cyanuric chloride
 IN Brenner, Mortimer Wilkes, Scarsdale, NY, United States
 Laufer, Louis, New York, NY, United States
 PA Schwarz Services International Ltd., Mount Vernon, NY, United States
 (U.S. corporation)
 PI US 4035146 19770712 <--
 AI US 1975-623744 19751020 (5)
 DT Utility
 FS Granted
 LN.CNT 692
 INCL INCLM: 008/094.210
 INCLS: 008/115.600; 008/190.000; 424/016.000; 424/025.000; 424/026.000;
 424/181.000; 424/249.000; 424/326.000; 424/329.000; 424/362.000
 NCL NCLM: 008/094.210
 NCLS: 008/115.600; 008/190.000; 424/404.000; 424/447.000; 424/493.000;
 424/494.000; 424/499.000; 514/036.000; 514/037.000; 514/241.000;
 514/245.000; 514/635.000; 514/642.000; 514/643.000
 IC [2]
 ICM: C14C005-00

EXF 424/181; 424/326; 424/329; 424/249; 424/362; 424/25; 424/26; 008/94.21;
008/190
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 10:18:11 ON 06 NOV 2003)

FILE 'REGISTRY' ENTERED AT 10:27:29 ON 06 NOV 2003

L1 1 S BIGUANIDE/CN
L2 1 S CHLORHEXIDINE/CN

FILE 'REGISTRY' ENTERED AT 10:31:38 ON 06 NOV 2003

L3 1 S TRICLOSAN/CN

FILE 'USPATFULL' ENTERED AT 10:34:57 ON 06 NOV 2003

L4 0 S OCTOXYGLYCERIN AND QUARTERNARY AMONIUM
L5 0 S OCTOXYGLYCERIN AND QUARTERNARY AMMONIUM
L6 0 S OCTOXYGLYCERIN AND QUARTERNARY AMMONIUM
L7 87 S CHLORHEXIDINE AND QUARTERNARY AMMONIUM
L8 0 S L7 AND QUARTERNARY AMMONIUM
L9 87 S L7 AND QUARTERNARY AMMONIUM
L10 0 S L9 AND OCTOXYGLYCERIN
L11 54 S L9 AND ANTIMICROB?
L12 0 S OCTOXYGLYCERIN AND ANTIMICROB
L13 25 S OCTOXYGLYCERIN AND ANTIMICROB?
L14 1 S L13 AND PD<2000
L15 44 S L11 AND PD<2000

=> d l13 1-25 bib, ab

L13 ANSWER 1 OF 25 USPATFULL on STN

AN 2003:231602 USPATFULL
TI Effective soft solid personal care product
IN Guenin, Eric, Pennington, NJ, UNITED STATES
Mattai, Jairajh, Piscataway, NJ, UNITED STATES
Afflitto, John, Brookside, NJ, UNITED STATES
Hogan, John, Piscataway, NJ, UNITED STATES
Jonas, John, Summit, NJ, UNITED STATES
Lee, Wilson, Bloomfield, NJ, UNITED STATES
Linn, Elizabeth, Lyndhurst, NJ, UNITED STATES
Munsayac, Rosemary, West Orange, NJ, UNITED STATES
Tang, Xiaozhong, Bridgewater, NJ, UNITED STATES
Potechin, Kathy, Short Hills, NJ, UNITED STATES
PA Colgate-Palmolive Company (U.S. corporation)
PI US 2003161800 A1 20030828
AI US 2002-267544 A1 20021009 (10)
RLI Continuation-in-part of Ser. No. US 2000-671775, filed on 28 Sep 2000,
ABANDONED
PRAI US 2000-194462P 20000404 (60)
DT Utility
FS APPLICATION
LREP Colgate-Palmolive Company, Patent Department, 909 River Road, P.O. Box
1343, Piscataway, NJ, 08855-1343
CLMN Number of Claims: 9
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 842
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A low residue antiperspirant and/or deodorant composition in the form of
an anhydrous, surfactant-free and antiseptic alcohol-free suspension

exhibiting a syneresis of less than 8% which is made by combining: (a) a cyclomethicone (and) dimethicone crosspolymer made with an .tbd.Si--H containing polysiloxane and an alpha, omega-diene of formula CH.sub.2.dbd.CH(CH.sub.2).sub.xCH.dbd.CH.sub.2 which crosspolymer has a viscosity in the range of 50,000-3,000,000 centipoise, preferably with a nonvolatiles content of 8-18% in cyclomethicone; (b) polyethylene beads having a density in the range of 0.91-0.98 grams/cm.sup.3 and a particle size in the range of 5-40 microns; (c) a volatile silicone; (d) an emollient (or a mixture of two or more emollients) which may include a non-volatile silicone and an additional amount of a volatile silicone; and (e) an effective amount of an antiperspirant active material in an amount sufficient to have an antiperspirant and/or a deodorant effect.

L13 ANSWER 2 OF 25 USPATFULL on STN

AN 2003:225236 USPATFULL

TI Cosmetic composition for removing make-up from and clening the skin

IN Lennon, Paula, Lyon, FRANCE

Boschet, Cecile, Chevilly-Larue, FRANCE

Guiramand, Carole, Jouy-En-Josas, FRANCE

PA L'OREAL, Paris, FRANCE (non-U.S. corporation)

PI US 2003157047 A1 20030821

AI US 2002-270331 A1 20021015 (10)

PRAI FR 2001-13271 20011015

FR 2002-10494 20020822

US 2002-411374P 20020918 (60)

DT Utility

FS APPLICATION

LREP OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET,
ALEXANDRIA, VA, 22314

CLMN Number of Claims: 40

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1175

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to composition containing an oil-in-water emulsion and (1) an amphiphilic polymer containing polymerized units of at least one monomer comprising ethylenic unsaturation comprising a sulphonc group, in the free or partially or completely neutralized form, and containing at least one hydrophobic part, and (2) at least one make-up-removing oil.

The composition according to the invention can be used in particular for removing make-up from and/or cleaning the skin, lips and/or eyes.

L13 ANSWER 3 OF 25 USPATFULL on STN

AN 2003:219354 USPATFULL

TI Gentle-acting skin-disinfectants

IN Modak, Shanta, Riveredge, NJ, UNITED STATES

Gaonkar, Trupti A., New York, NY, UNITED STATES

Sampath, Lester, Nyack, NY, UNITED STATES

PI US 2003152644 A1 20030814

AI US 2001-47631 A1 20011023 (10)

DT Utility

FS APPLICATION

LREP BAKER BOTTS L.L.P., 44TH FLOOR, 30 ROCKEFELLER PLAZA, NEW YORK, NY,
10112-0228

CLMN Number of Claims: 40

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1109

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB **Antimicrobial** compositions having synergistic combinations of

octoxyglycerin and at least one other **antimicrobial** agent in formulations which are more effective than prior art compositions without causing increased irritation to the skin of the average user. In certain embodiments, skin irritation may be minimized by low concentrations of **antimicrobials** and/or the presence of soothing compounds such as zinc. Preferred embodiments include combinations of **octoxyglycerin**, a quaternary compound, and at least one other **antimicrobial** agent. Without being bound to any particular theory, it is hypothesized that the unexpected **antimicrobial** effectiveness of combinations of **octoxyglycerin** may result from an enhancement of the permeability of microbes to **antimicrobials** caused by **octoxyglycerin**.

L13 ANSWER 4 OF 25 USPATFULL on STN

AN 2003:165430 USPATFULL

TI Use of DHEA derivatives on keratinous substances

IN Dalko, Maria, Gif S/Yvette, FRANCE

Cavezza, Alexandre, Tremblay-En-France, FRANCE

PA L'OREAL, Paris, FRANCE (non-U.S. corporation)

PI US 2003113284 A1 20030619

AI US 2002-279852 A1 20021025 (10)

PRAI FR 2001-13817 20011025

DT Utility

FS APPLICATION

LREP OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET,
ALEXANDRIA, VA, 22314

CLMN Number of Claims: 31

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1619

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods of improving the appearance of keratinous substances using at least one DHEA derivative such as the skin, hair, eyelashes and/or nails, in particular for preventing or treating cutaneous signs of ageing and/or a faded complexion and/or disorders of pigmentation of the skin or hair and/or drying of the skin and/or hyperseborrhoea and/or imperfections relating to hyperseborrhoea and/or sensitive skin and/or dandruff and/or hair loss and/or canities.

L13 ANSWER 5 OF 25 USPATFULL on STN

AN 2003:165429 USPATFULL

TI Stable and efficacious soft solid product

IN Mattai, Jairajh, Piscataway, NJ, UNITED STATES

Guenin, Eric, Pennington, NJ, UNITED STATES

Afflitto, John, Brookside, NJ, UNITED STATES

Hogan, John, Piscataway, NJ, UNITED STATES

Jonas, John, Summit, NJ, UNITED STATES

Lee, Wilson, Bloomfield, NJ, UNITED STATES

Linn, Elizabeth, Lyndhurst, NJ, UNITED STATES

Munsayac, Rosemary, West Orange, NJ, UNITED STATES

Tang, Xiaozhong, Bridgewater, NJ, UNITED STATES

PA Colgate-Palmolive Company (U.S. corporation)

PI US 2003113283 A1 20030619

AI US 2002-267543 A1 20021009 (10)

RLI Continuation-in-part of Ser. No. US 2000-712378, filed on 14 Nov 2000,
PENDING

PRAI US 2000-194373P 20000404 (60)

DT Utility

FS APPLICATION

LREP Patent Department, Colgate-Palmolive Company, 909 River Road, P.O. Box
1343, Piscataway, NJ, 08855-1343

CLMN Number of Claims: 10
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 797

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A low residue antiperspirant and/or deodorant composition in the form of an anhydrous, surfactant-free and antiseptic alcohol-free suspension exhibiting a syneresis of less than 8% is disclosed which comprises:

(a) a dimethicone/vinyldimethicone crosspolymer composition made by reacting a polymethylhydrogensiloxane with an alpha, omega-divinylpolydimethyl siloxane for which the dimethicone/vinyldimethicone crosspolymer composition is used at a concentration of 0.5-10% in cyclomethicone;

(b) polyethylene beads having a density in the range of 0.91-0.98 grams/cm.^{sup.3} and a particle size in the range of 5-40 microns, wherein the polyethylene beads are used in an amount of at least 2% by weight based on the total weight of the composition;

(c) a volatile silicone; (d) an emollient or mixture of two or more emollients; and (e) an effective amount of an antiperspirant active material.

L13 ANSWER 6 OF 25 USPATFULL on STN

AN 2002:346640 USPATFULL
TI Clear antiperspirant with alcohol free active
IN Johansson, Marie, Watchung, NJ, United States
Brahms, John, Piscataway, NJ, United States
PA Colgate-Palmolive Company, New York, NY, United States (U.S. corporation)
PI US 6500412 B1 20021231
AI US 2002-117900 20020408 (10)
DT Utility
FS GRANTED

EXNAM Primary Examiner: Dodson, Shelley A.

LREP Miano, Rosemary M.

CLMN Number of Claims: 13

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 713

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A non-sticky, clear water-in-oil emulsion comprising: (a) 65-90 weight % of an internal phase comprising 5-35 weight % of an antiperspirant salt (anhydrous basis) having a metal:chloride ratio in the range of 0.9-1.4:1; 5-15 weight % of tripropylene glycol; and 35-70 weight % water; and (b) 10-35 weight % of an external phase comprising 1-40 weight % of a volatile silicone which is not an elastomer; 0.1-5 weight % of a silicone copolyol surfactant; and 0-20 weight % of a nonvolatile silicone which is not an elastomer; wherein the composition is free of (1) C1-5 saturated alcohols, (2) added propylene glycol, (3) elastomer gelling agents, (4) soap gelling agents (5) borate gelling agents, and (6) coupling agents, and wherein all amounts are in % by weight based on the total weight of the composition.

L13 ANSWER 7 OF 25 USPATFULL on STN

AN 2002:336818 USPATFULL
TI Emulsions with naphthalate esters
IN Chopra, Suman Kumar, Dayton, NJ, UNITED STATES
Moghe, Bhal, Whitehouse Station, NJ, UNITED STATES
PA Colgate-Palmolive Company (2)
PI US 2002192172 A1 20021219

US 6610279 B2 20030826
AI US 2002-152218 A1 20020521 (10)
RLI Continuation of Ser. No. US 2000-575484, filed on 19 May 2000, PENDING
DT Utility
FS APPLICATION
LREP Paul Shapiro, Colgate-Palmolive Co., 909 River Rd., P.O. Box 1343,
Piscataway, NJ, 08855-1343
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1292

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to an anhydrous cosmetic composition comprising:
(a) 15-33% of an external phase (also called the oil phase) which is
made with at least one selected naphthalate organic ester; a volatile
silicone based emulsifier; and a volatile silicone; and (b) 85-67% of an
internal phase which is made with an active ingredient, such as an
antiperspirant active, in a glycol solvent. For the external phase all
or a major portion of what would have been a non-volatile silicone
component has been replaced by the naphthalate ester. While a
dimethicone copolyol is still included, the use of this particular
naphthalate ester obviates the need for the use of any other non-ionic
emulsifiers.

L13 ANSWER 8 OF 25 USPATFULL on STN

AN 2002:294258 USPATFULL
TI Stable emulsions for cosmetic products
IN Schamper, Thomas, Cranbury, NJ, UNITED STATES
Chopra, Suman Kumar, Dayton, NJ, UNITED STATES
Moghe, Bhal, Whitehouse Station, NJ, UNITED STATES
Brahms, John, Piscataway, NJ, UNITED STATES
Bustos, Mardoqueo, Hillsborough, NJ, UNITED STATES
Hilliard, Peter, JR., Far Hills, NJ, UNITED STATES
Johansson, Marie, Watchung, NJ, UNITED STATES
Ortiz, Claudio, Dayton, NJ, UNITED STATES
Popoff, Christine, Mornganville, NJ, UNITED STATES
PA Colgate-Palmolive Company
PI US 2002164296 A1 20021107
AI US 2001-15964 A1 20011213 (10)
RLI Continuation of Ser. No. US 2000-575483, filed on 19 May 2000, GRANTED,
Pat. No. US 6403067
DT Utility
FS APPLICATION
LREP Colgate-Palmolive Company, Patent Department, 909 River Road, P.O. Box
1343, Piscataway, NJ, 08855-1343
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN 1 Drawing Page(s)
LN.CNT 1721

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Low water emulsions are described which are useful for antiperspirants
and/or deodorants wherein the emulsions are made by combining (I) 15-33%
of an external phase comprising: (a) 1-25% of an organic ester having a
refractive index in the range of 1.43-1.60 and capable of releasing an
antiperspirant active to achieve a specified conductivity; (b) a
sufficient amount of a silicone copolyol to achieve a solids content of
0.25-10%; (c) a sufficient amount of a volatile silicone to achieve a
total amount of the external phase as 15-33%; (c) 0-5% of a silicone
elastomer (on an actives basis); and (d) 0-15% of at least one
emollient; and (II) 67-85% of an internal phase comprising: (a) an
effective amount of at least one cosmetically active ingredient; (b) a
sufficient amount of a solvent component to dissolve the cosmetically

active ingredient with a maximum amount being about 80%; (c) 0.5-15% of water optionally containing up to 30% of an ionizable salt soluble in water; (d) 0-5% of a non-ionic emulsifier; and (e) 0-10% ethanol; wherein: (1) the final refractive index of the composition is in the range of 1.42-1.52; and (2) the conductance of the composition is at least 250 micro Siemens/cm/ml at a loading of at least 7% by weight level of antiperspirant active.

L13 ANSWER 9 OF 25 USPATFULL on STN

AN 2002:279647 USPATFULL

TI Two-phase roll-on cosmetic product

IN Avendano, Esther, Mexico City, MEXICO

Urrutia-Gutierrez, Adriana, Mexico City, MEXICO

Lee, Wilson, Bloomfield, NJ, UNITED STATES

Tang, Xiaozhong, Bridgewater, NJ, UNITED STATES

PI US 2002155078 A1 20021024

US 6511657 B2 20030128

AI US 2001-838802 A1 20010420 (9)

DT Utility

FS APPLICATION

LREP COLGATE-PALMOLIVE COMPANY, 909 RIVER ROAD, PISCATAWAY, NJ, 08855

CLMN Number of Claims: 38

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 937

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A two-phase roll-on antiperspirant and/or deodorant is described which comprises: (a) a clear, translucent or opaque non-polar phase having a viscosity in the range of 20 cps-9,000 made by combining: a cross-linked or partially cross-linked nonemulsifying siloxane elastomer; 0.1-70 weight % of one or more low viscosity, lipophilic emollients; (b) a clear, translucent or opaque polar phase have a viscosity in the range of 20-9,000 cps made by combining: one or more members selected from the group consisting of water, glycols and polyhydric alcohols; and an antiperspirant active salt which is soluble or suspendible in the polar phase;

wherein the polar phase comprises (i) a sufficient amount of water, glycols or polyhydric alcohols to dissolve or suspend the antiperspirant active, and (ii) optionally may comprise up to 30 weight % water; up to 16.00 weight % of ethyl alcohol; up to 16 weight % isopropyl alcohol; or mixtures of the foregoing; (iii) 0.1-2.5 weight % of a water soluble cationic derivative selected from the group consisting of hydroxyethyl cellulose and its copolymers provided that the viscosity of the polar phase does not exceed 9,000 cps.

L13 ANSWER 10 OF 25 USPATFULL on STN

AN 2002:275725 USPATFULL

TI Emulsions with naphthalate esters

IN Chopra, Suman Kumar, Dayton, NJ, United States

Moghe, Bhal, Whitehouse Station, NJ, United States

PA Colgate-Palmolive Company, New York, NY, United States (U.S. corporation)

PI US 6468511 B1 20021022

AI US 2000-575484 20000519 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dees, Jose' G.; Assistant Examiner: George, Konata M.

LREP Miano, Rosemary M.

CLMN Number of Claims: 24

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 1256

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to an anhydrous cosmetic composition comprising:
(a) 15-33% of an external phase (also called the oil phase) which is made with at least one selected naphthalate organic ester; a volatile silicone based emulsifier; and a volatile silicone; and (b) 85-67% of an internal phase which is made with an active ingredient, such as an antiperspirant active, in a glycol solvent. For the external phase all or a major portion of what would have been a non-volatile silicone component has been replaced by the naphthalate ester. While a dimethicone copolyol is still included, the use of this particular naphthalate ester obviates the need for the use of any other non-ionic emulsifiers.

L13 ANSWER 11 OF 25 USPATFULL on STN

AN 2002:209100 USPATFULL

TI Underarm products with water lock component

IN Chopra, Suman, Dayton, NJ, United States

Fei, Lin, Scotch Plains, NJ, United States

Guenin, Eric, Pennington, NJ, United States

Mattai, Jairajh, Piscataway, NJ, United States

PA Colgate-Palmolive Company, New York, NY, United States (U.S. corporation)

PI US 6436382 B1 20020820

AI US 2001-971805 20011005 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dodson, Shelley A.

LREP Miano, Rosemary M.

CLMN Number of Claims: 18

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 767

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A suspension cosmetic product for reducing wetness under the arm which product is a stick or a soft solid comprising: (a) 0.01-20 weight % of a water lock superabsorbent polymer selected from the group consisting of starch graft homopolymers and copolymers of poly(2-propenamide-co-2-propenoic acid) sodium salt; (b) 10-88 weight % of a volatile silicone; (c) a selected gelling agent; (d) 0-5 weight % of a surfactant with a hydrophilic/lipophilic balance in the range of 3-13; (e) 0-10 weight % of an antiperspirant active or an effective amount of a deodorizing agent which is not an antiperspirant active; (f) 0-20 weight % of a nonvolatile silicone; and (g) 0-20 weight % of an emollient; wherein the product is not made with any separately added water.

L13 ANSWER 12 OF 25 USPATFULL on STN

AN 2002:205845 USPATFULL

TI Single-phase antiperspirant compositions containing solubilized antiperspirant active and volatile silicone

IN Guskey, Gerald John, Montgomery, OH, UNITED STATES

Luebke, John Paul, Lawrenceburg, IN, UNITED STATES

PI US 2002110532 A1 20020815

US 6555099 B2 20030429

AI US 2000-735165 A1 20001212 (9)

DT Utility

FS APPLICATION

LREP THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224

CLMN Number of Claims: 28

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1057

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are single-phase antiperspirant compositions and corresponding methods of application, wherein the compositions are single-phase systems that comprise a solubilized antiperspirant active, a volatile silicone and selected coupling materials that are substantially free of Si--OH and Si--H functional groups and that have a solubility parameter of from about 7 to about 12, wherein the sum total solubility parameter of the essential components in the composition is from about 9 to about 13. These compositions provide improved low residue performance, enhanced stability, improved efficacy, and/or improved cosmetics.

L13 ANSWER 13 OF 25 USPATFULL on STN

AN 2002:198247 USPATFULL

TI Single-phase antiperspirant compositions containing solubilized antiperspirant active and silicone elastomer

IN Guskey, Gerald John, Montgomery, OH, UNITED STATES

PI US 2002106340 A1 20020808

US 6524562 B2 20030225

AI US 2000-735164 A1 20001212 (9)

DT Utility

FS APPLICATION

LREP THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224

CLMN Number of Claims: 38

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1445

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are antiperspirant and deodorant compositions and corresponding methods of application, wherein the compositions are single-phase systems that comprise a solubilized antiperspirant active, a silicone elastomer and a volatile silicone. These compositions provide improved low residue performance, enhanced stability, and improved cosmetics.

L13 ANSWER 14 OF 25 USPATFULL on STN

AN 2002:188113 USPATFULL

TI Underarm gel products with water lock component

IN Chopra, Suman, Dayton, NJ, United States

Mattai, Jairajh, Piscataway, NJ, United States

Fei, Lin, Scotch Plains, NJ, United States

Guenin, Eric, Pennington, NJ, United States

PA Colgate-Palmolive Company, New York, NY, United States (U.S. corporation)

PI US 6426062 B1 20020730

AI US 2001-971978 20011005 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dodson, Shelley A.

LREP Miano, Rosemary M.

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 811

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A gelled stick or soft gel composition for reducing underarm wetness comprising: (a) 0.01-20 weight % selected from the group consisting of starch graft homopolymers and copolymers of poly(2-propenamide-co-2-propenoic acid) sodium salt; (b) 10-88 weight % of a volatile silicone;

(c) a gelling agent selected from (i) a group consisting of 5-20 weight % siliconized polyamide if a gelled stick is formed; and (ii) 0-5 weight % of a siliconized polyamide and 0-5% of a silicone elastomer if a soft gel is formed; (d) 0.05-85 weight % of water or a water soluble organic solvent; (e) for products which are not sticks, 0.05-5 weight % of a surfactant with a HLB value in the range of 3-13; (f) 0-10 weight % of an antiperspirant active or an effective amount of a deodorizing agent which is not an antiperspirant active; (g) 0-20 weight % of a nonvolatile silicone; and (h) 0-20 weight % of an emollient.

L13 ANSWER 15 OF 25 USPATFULL on STN

AN 2002:164372 USPATFULL

TI High efficacy antiperspirant stick

IN Mattai, Jairajh, Piscataway, NJ, UNITED STATES

Guenin, Eric, Pennington, NJ, UNITED STATES

Gale, Anne, Landing, NJ, UNITED STATES

Hall-Puzio, Patricia, Succasunna, NJ, UNITED STATES

Lee, Wilson, Bloomfield, NJ, UNITED STATES

PA Colgate-Palmolive Company (U.S. corporation)

PI US 2002085985 A1 20020704

US 6534045 B2 20030318

AI US 2001-37216 A1 20011109 (10)

PRAI US 2000-257269P 20001221 (60)

US 2000-257266P 20001221 (60)

US 2000-257270P 20001221 (60)

DT Utility

FS APPLICATION

LREP Paul Shapiro, Esq., Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ, 08855-1343

CLMN Number of Claims: 15

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 525

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A high efficacy antiperspirant/deodorant stearyl alcohol free stick product may be made by combining (a) 30-70% volatile cyclomethicone; (b) 10-25% of an antiperspirant active; (c) 1-15% of an emollient; (d) 1-14% of polyethylene comprising one or more members selected from the group consisting of homopolymers and copolymers of polyethylene wherein the polyethylene (i) is at least 90% linear; (ii) has a molecular weight in the range of 300-3000 (especially 300-1000 and more especially 300-500); (iii) has a melting point in the range of 50-129 degrees C.; and (iv) has a polymer backbone of CH.sub.3CH.sub.2--(CH.sub.2--CH.sub.2).sub.n--H, where n is an average number and is selected to be in the range of 10-106; (e) 0.3-7% of a wax as a co-gellant with the polyethylene wherein the wax has a melting point in the range of 40-97 degrees C.; and (f) 1-40% of an elastomer in cyclomethicone composition; provided that the ratio of wax:polyethylene is in the range of 1:1-1:10.

L13 ANSWER 16 OF 25 USPATFULL on STN

AN 2002:156680 USPATFULL

TI HIGH EFFICACY ANTIPERSPIRANT STICK WITH CONCENTRATED ELASTOMER

IN Mattai, Jairajh, Piscataway, NJ, UNITED STATES

Guenin, Eric, Pennington, NJ, UNITED STATES

Lee, Wilson, Bloomfield, NJ, UNITED STATES

Hall-Puzio, Patricia, Succasunna, NJ, UNITED STATES

Gale, Anne, Landing, NJ, UNITED STATES

PA Colgate-Palmolive Company (U.S. corporation)

PI US 2002081273 A1 20020627

US 6511658 B2 20030128

AI US 2001-35406 A1 20011109 (10)

PRAI US 2000-257266P 20001221 (60)

US 2000-257270P 20001221 (60)
US 2000-257269P 20001221 (60)
DT Utility
FS APPLICATION
LREP James M. Serafino, Esq., Colgate-Palmolive Company, 909 River Road, P.O.
Box 1343, Piscataway, NJ, 08855-1343
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 531

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A high efficacy antiperspirant/deodorant stick product may be made by combining (a) 30-70% volatile cyclomethicone; (b) 10-25% of an antiperspirant active; (c) 1-15% of an emollient; (d) 1-14% of polyethylene comprising one or more members selected from the group consisting of homopolymers and copolymers of polyethylene wherein the polyethylene (i) is at least 90% linear; (ii) has a molecular weight in the range of 300-3000 (especially 300-1000 and more especially 300-500); (iii) has a melting point in the range of 50-129 degrees C; and (iv) has a polymer backbone of $\text{CH.sub.3CH.sub.2--(CH.sub.2--CH.sub.2).sub.n--H}$, where n is an average number and is selected to be in the range of 10-106; (e) 0.3-7% of a wax as a co-gellant with the polyethylene wherein the wax has a melting point in the range of 40-97 degrees C.; and (f) 1-30% of an elastomer in cyclomethicone composition comprising a cyclomethicone (and) dimethicone crosspolymer made with an .dbd.Si--H containing polysiloxane and an alpha, omega-diene of formula $\text{CH.sub.2=CH(CH.sub.2).sub.xCH.dbd.CH.sub.2}$, where $x=1-20$; provided that the ratio of wax:polyethylene is in the range of 1:1-1:10.

L13 ANSWER 17 OF 25 USPATFULL on STN

AN 2002:156679 USPATFULL
TI Elastomer free, high efficacy antiperspirant stick
IN Guenin, Eric, Pennington, NJ, UNITED STATES
Mattai, Jairajh, Piscataway, NJ, UNITED STATES
Gale, Anne, Landing, NJ, UNITED STATES
Hall-Puzio, Patricia, Succasunna, NJ, UNITED STATES
Lee, Wilson, Bloomfield, NJ, UNITED STATES
PA Colgate-Palmolive Company (U.S. corporation)
PI US 2002081272 A1 20020627
US 6503491 B2 20030107
AI US 2001-35383 A1 20011109 (10)
PRAI US 2000-257266P 20001221 (60)
US 2000-257269P 20001221 (60)
US 2000-257270P 20001221 (60)

DT Utility
FS APPLICATION
LREP Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway,
NJ, 08855-1343
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 496

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A high efficacy antiperspirant/deodorant stick product may be made by combining (a) 30-70% volatile cyclomethicone; (b) 10-25% of an antiperspirant active; (c) 1-15% of an emollient; (d) 1-14% of polyethylene comprising one or more members selected from the group consisting of homopolymers and copolymers of polyethylene wherein the polyethylene (i) is at least 90% linear; (ii) has a molecular weight in the range of 300-3000 (especially 300-1000 and more especially 300-500); (iii) has a melting point in the range of 50-129 degrees C; and (iv) has a polymer backbone of $\text{CH.sub.3CH.sub.2--(CH.sub.2--CH.sub.2).sub.n--H}$,

where n is an average number and is selected to be in the range of 10-106; (e) 0.3-7% of a wax as a co-gellant with the polyethylene wherein the wax has a melting point in the range of 40-97 degrees C.; provided that the ratio of wax:polyethylene is in the range of 1:1-1:10.

L13 ANSWER 18 OF 25 USPATFULL on STN
AN 2002:140836 USPATFULL
TI Antiperspirant products made from wet-milled anhydrous antiperspirant salts
IN Rizvi, Riaz Hassan, Aurora, IL, UNITED STATES
Moen Jenks, Rebecca Sue, Palatine, IL, UNITED STATES
PA Helene Curtis (U.S. corporation)
PI US 2002071817 A1 20020613
US 6613312 B2 20030902
AI US 2001-999612 A1 20011024 (9)
PRAI US 2000-243203P 20001025 (60)
DT Utility
FS APPLICATION
LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020
CLMN Number of Claims: 20
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 540
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Antiperspirant compositions which comprise:

- a) a wet-milled antiperspirant active material;
 - b) a silicone and/or hydrocarbon carrier material; and
 - c) a suspending agent or gellant
- are described.

L13 ANSWER 19 OF 25 USPATFULL on STN
AN 2002:136545 USPATFULL
TI High oil clear emulsion with elastomer
IN Chopra, Suman, Dayton, NJ, United States
Mattai, Jairajh, Piscataway, NJ, United States
Fei, Lin, Scotch Plains, NJ, United States
Guenin, Eric, Pennington, NJ, United States
Tang, Xiaozhong, Bridgewater, NJ, United States
PA Colgate-Palmolive Company, New York, NY, United States (U.S. corporation)
PI US 6403069 B1 20020611
AI US 2000-693248 20001020 (9)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Dodson, Shelley A.
LREP Miano, Rosemary M.
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 1600
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A clear antiperspirant and/or deodorant composition is disclosed in the form of an emulsion having a refractive index less than 1.42 and comprising: (a) 25-70% of an external phase comprising: (i) 0.1-10%, on an actives basis, of at least one elastomer which is a dimethicone/vinyl dimethicone crosspolymer composition made by reacting a polymethylhydrogensiloxane with an alpha, omega-divinylpolydimethyl siloxane for which the dimethicone/vinyl-dimethicone crosspolymer

composition is used at a concentration of 4-10% in cyclomethicone, has a refractive index in the range of 1.392-1.402 at 25 degrees C and a viscosity in the range of 0.013-1.1 times 10^{sup.4} Pascal seconds; (ii) 0.1-5% of a silicone copolyol having an HLB value .ltoreq.8; (iii) 0.1-68% of a volatile silicone selected in an amount to complete the external phase; (iv) 0-10% of a cosurfactant or emulsifier having an HLB value in the range of 1-15; (v) 0-5% of a non-volatile silicone; and (b) 30-75% of an internal phase which is made with: (i) 7-25% (on an anhydrous actives basis (excluding the waters of hydration) of an antiperspirant active; (ii) 0-10% ethanol; (iii) additional water as required to adjust the refractive index; (iv) 0-5% of an **antimicrobial** agent; and (v) 0-5% of an ionizable salt; wherein the conductance of a water droplet applied to the surface of a thin film of the antiperspirant and/or deodorant composition is at least 250 micro Siemens/cm/ml as measured by a fixed geometry test at a loading of at least 7% by weight level of antiperspirant active.

L13 ANSWER 20 OF 25 USPATFULL on STN

AN 2002:136543 USPATFULL

TI Stable emulsions for cosmetic products

IN Schamper, Thomas, Cranbury, NJ, United States
 Chopra, Suman Kumar, Dayton, NJ, United States
 Moghe, Bhal, Whitehouse Station, NJ, United States
 Brahms, John Carl-Frederick, Piscataway, NJ, United States
 Bustos, Mardoqueo, Hillsborough, NJ, United States
 Hilliard, Jr., Peter, Far Hills, NJ, United States
 Johansson, Marie, Watchung, NJ, United States
 Ortiz, Claudio, Dayton, NJ, United States
 Popoff, Christine, Mornganville, NJ, United States
 PA Colgate-Palmolive Company, New York, NY, United States (U.S. corporation)

PI US 6403067 B1 20020611

AI US 2000-575483 20000519 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dees, Jose' G.; Assistant Examiner: George, Konata M.

LREP Miano, Rosemary M.

CLMN Number of Claims: 24

ECL Exemplary Claim: 1

DRWN 2 Drawing Figure(s); 1 Drawing Page(s)

LN.CNT 1634

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Low water emulsions are described which are useful for antiperspirants and/or deodorants wherein the emulsions are made by combining (I) 15-33% of an external phase comprising: (a) 1-25% of an organic ester having a refractive index in the range of 1.43-1.60 and capable of releasing an antiperspirant active to achieve a specified conductivity; (b) a sufficient amount of a silicone copolyol to achieve a solids content of 0.25-10%; (c) a sufficient amount of a volatile silicone to achieve a total amount of the external phase as 15-33%; (c) 0-5% of a silicone elastomer (on an actives basis); and (d) 0-15% of at least one emollient; and (II) 67-85% of an internal phase comprising: (a) an effective amount of at least one cosmetically active ingredient; (b) a sufficient amount of a solvent component to dissolve the cosmetically active ingredient with a maximum amount being about 80%; (c) 0.5-15 % of water optionally containing up to 30% of an ionizable salt soluble in water; (d) 0-5 % of a non-ionic emulsifier; and (e) 0-10% ethanol; wherein: (1) the final refractive index of the composition is in the range of 1.42-1.52; and (2) the conductance of the composition is at least 250 micro Siemens/cm/ml at a loading of at least 7% by weight level of antiperspirant active.

L13 ANSWER 21 OF 25 USPATFULL on STN

AN 2002:108589 USPATFULL

TI High oil clear emulsion with diene elastomer

IN Chopra, Suman, Dayton, NJ, United States

Mattai, Jairajh, Piscataway, NJ, United States

Fei, Lin, Scotch Plains, NJ, United States

Guenin, Eric, Pennington, NJ, United States

Tang, Xiaozhong, Bridgewater, NJ, United States

Ortiz, Claudio, Dayton, NJ, United States

PA Colgate-Palmolive Company, New York, NY, United States (U.S. corporation)

PI US 6387357 B1 20020514

AI US 2000-693229 20001020 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dodson, Shelley A.

LREP Miano, Rosemary M.

CLMN Number of Claims: 30

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 1619

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A clear antiperspirant and/or deodorant composition is disclosed in the form of an emulsion having a refractive index less than 1.42 and comprising: (a) 25-70% of an external phase comprising: (i) 0.1-10%, on an actives basis, of at least one elastomer which is a cyclomethicone (and) dimethicone crosspolymer made with an .tbd.Si--H containing polysiloxane and an alpha, omega-diene of formula $\text{CH.sub.2.dbd.CH(CH.sub.2).sub.xCH.dbd.CH.sub.2}$, where $x=1-20$, to form a gel by crosslinking and addition of .tbd.Si--H across double bonds in the alpha, omega diene, which crosspolymer has a viscosity in the range of 50,000-3,000,000 centipoise; (ii) 0.1-5% of a silicone copolyol having an HLB value ≥ 8 ; (iii) 0.1-68% of a volatile silicone selected in an amount to complete the external phase; (iv) 0-10% of a cosurfactant or emulsifier having an HLB value in the range of 1-15; (v) 0-5% of a non-volatile silicone; and (b) 30-75% of an internal phase which is made with: (i) 7-25% (on an anhydrous actives basis (excluding the waters of hydration) of an antiperspirant active; (ii) 0-10% ethanol; (iii) additional water as required to adjust the refractive index; (iv) 0-5% of an antimicrobial agent; and (v) 0-5% of an ionizable salt; wherein the conductance of a water droplet applied to the surface of a thin film of the antiperspirant and/or deodorant composition is at least 250 micro Siemens/cm/ml as measured by a fixed geometry test at a loading of at least 7% by weight level of antiperspirant active.

L13 ANSWER 22 OF 25 USPATFULL on STN

AN 2002:108588 USPATFULL

TI Cosmetic composition

IN Csernica, Jeffrey Joseph, Lewisburg, PA, United States

Hilliard, Jr., Peter R., Far Hills, NJ, United States

Vincenti, Paul Joseph, Jefferson, NJ, United States

PA Colgate-Palmolive Company, New York, NY, United States (U.S. corporation)

PI US 6387356 B1 20020514

AI US 2000-492603 20000127 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dees, Jose' G.; Assistant Examiner: George, Konata M.

LREP Miano, Rosemary M.

CLMN Number of Claims: 10

ECL Exemplary Claim: 1

DRWN 1 Drawing Figure(s); 1 Drawing Page(s)

LN.CNT 875

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Personal care products are disclosed which comprises an alcohol based composition which includes a film forming system comprising cellulose esters, which product (1) is capable of forming a thin film on the skin which film is characterized by selected hardness, and water transport properties and (2) reduces or eliminates wetness such as wetness caused by perspiration. These compositions can be used in cosmetic products, especially antiperspirants, deodorants, and combination antiperspirant/deodorants. The compositions comprise: (a) an alcohol based solvent system; and (b) a cellulose ester component which is soluble in alcohol.

L13 ANSWER 23 OF 25 USPATFULL on STN

AN 2002:106351 USPATFULL

TI Gel compositions

IN Butuc, S. Gina, Woodlands, TX, UNITED STATES

PI US 2002055562 A1 20020509

AI US 2001-853552 A1 20010511 (9)

RLI Continuation-in-part of Ser. No. US 1999-419571, filed on 18 Oct 1999, PENDING

PRAI US 1998-106094P 19981029 (60)

DT Utility

FS APPLICATION

LREP JENKENS & GILCHRIST, PC, 1445 ROSS AVENUE, SUITE 3200, DALLAS, TX, 75202

CLMN Number of Claims: 49

ECL Exemplary Claim: 1

DRWN 3 Drawing Page(s)

LN.CNT 2200

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Two-phase gel compositions are provided. The two-phase gel compositions are obtained by mixing a gelled ester composition comprising a mixture of an ester compound and a polymer compound selected from the group consisting of triblock copolymers, star polymers, radial polymers, multi-block copolymers, and a combination thereof and a hydrophobic, non polar solvent. The gelled ester composition has a viscosity η_{sp}/c and the solvent has a viscosity η_{sp}/c . The two-phase gel composition is substantially free of phosphate compounds and has a viscosity η_{sp}/c which is greater than or equal to η_{sp}/c and which is greater than or equal to η_{sp}/c . The two-phase gel compositions are also obtained by mixing a gelled ether composition, a gelled alcohol composition, a gelled naturally-occurring fat and oil composition or a combination thereof with a hydrophobic, non polar solvent. The two-phase gel compositions may be used to suspend various solids, liquids and/or gases.

L13 ANSWER 24 OF 25 USPATFULL on STN

AN 2002:39667 USPATFULL

TI Cosmetic stick composition

IN Andrews, Peter M., Bangor, PA, United States

Dubois, Patrick, East Aurora, NY, United States

Campbell, Shannon, Piscataway, NJ, United States

PA Colgate-Palmolive Company, New York City, NY, United States (U.S. corporation)

PI US 6350460 B1 20020226

AI US 2000-504817 20000216 (9)

PRAI US 1999-123690P 19990310 (60)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Fubara, Blessing

LREP Miano, Rosemary M.

CLMN Number of Claims: 16
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 445

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic stick product, especially an antiperspirant and/or deodorant is disclosed which is made with a combination of dipropylene glycol, diethyl phthalate and stearyl alcohol. This stick employs the deliberate use of diethyl phthalate even in a system which is free of added fragrance to achieve improved stability and allow for the use of reduced amounts of dipropylene glycol.

L13 ANSWER 25 OF 25 USPATFULL on STN

AN 1999:150634 USPATFULL

TI Antiperspirant formulation for porous applicator

IN Schamper, Thomas, Cranbury, NJ, United States

Moghe, Bhalchandra, White House Station, NJ, United States

Barr, Morton L., East Brunswick, NJ, United States

Wu, Ching-Min Kimmy, Kendall Park, NJ, United States

PA Colgate-Palmolive Company, New York, NY, United States (U.S. corporation)

PI US 5989531 19991123

AI US 1998-191897 19981113 (9)

DT Utility

FS Granted

EXNAM Primary Examiner: Dodson, Shelley A.; Assistant Examiner: Lamm, Marina

LREP Miano, Rosemary M.

CLMN Number of Claims: 18

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1083

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention comprises a liquid composition which provides a drier feel and reduced leakage when used with certain types of applicators, especially an applicator having a porous surface, which composition is made by combining an active phase and a silicone phase. The active phase is made by combining: (a) 10-70% of a selected glycol; (b) 0.1-10% of a nonionic emulsifier having an HLB greater than 8; (c) 0.01-30% of a cosmetically active ingredient; and (d) 0-20% of ethanol and/or isopropanol. The silicone phase is made by combining: (a) from 0.1-10% of a selected emulsifier; (b) 0-30% of a non-volatile silicone; (c) 0-30% of a volatile silicone; and (d) 0-25% of an organic emollient; provided that: (a) the silicone phase contains at least 10% silicone; (b) the ratio of silicone phase to active phase is in the range of 1:1 to 1:4; and (c) the composition is processed to maintain a viscosity in the range of 2,000-200,000 centipoise ("cps").